

**SoundOff**  
**SignalIII**<sup>®</sup>

Smart Design.



**2012 amber safety  
products catalog**

Rev. 1211

# NEW PRODUCTS

2012 Amber Safety Products



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LED Lightbar**

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**APEX™  
LED Lightbar**

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**Intersector™ LED  
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LED Work Lights**

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For over 30 years our ESOP company in Hudsonville, MI has offered innovative vehicle safety products. Our industry expertise ensures that you are purchasing quality products from one of the leaders in emergency vehicle, school bus and commercial vehicle safety systems. Our skilled Production Team delivers quality products you can trust. Our exceptional Sales & Customer Service Teams provide the best customer service in the industry, while our talented Product Development Team offers the latest product innovations. Furthermore, when you need answers our knowledgeable Technicians provide solutions and guidance.



We pride ourselves in shipping your product fast. In fact, most of the time, we can ship your requirements within three days. Just tell us when you need it and we'll do our best to have it there. Give us a call at 1.800.338.7337 to speak to our friendly team that will assist you and answer all your questions.

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# Heavy Duty Work Trucks

*Amber Package Lighting*

**A**

## Lightbars

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**B**

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*Highlighted Amber items indicate product installed on sample vehicle.*

# Wrecker/Tow Trucks

*Amber Package Lighting*

**A**

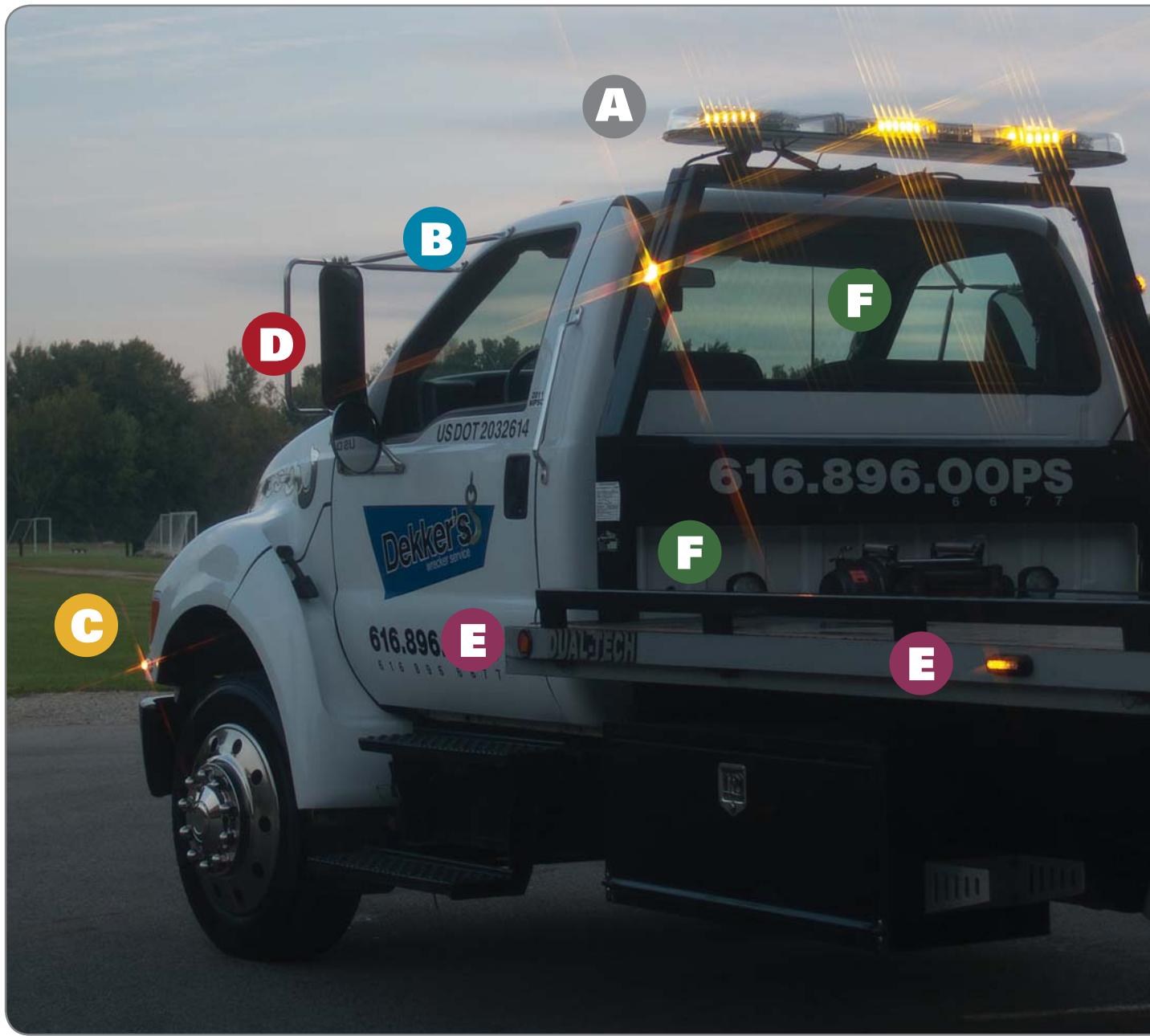
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**B**

## Windshield (WS)

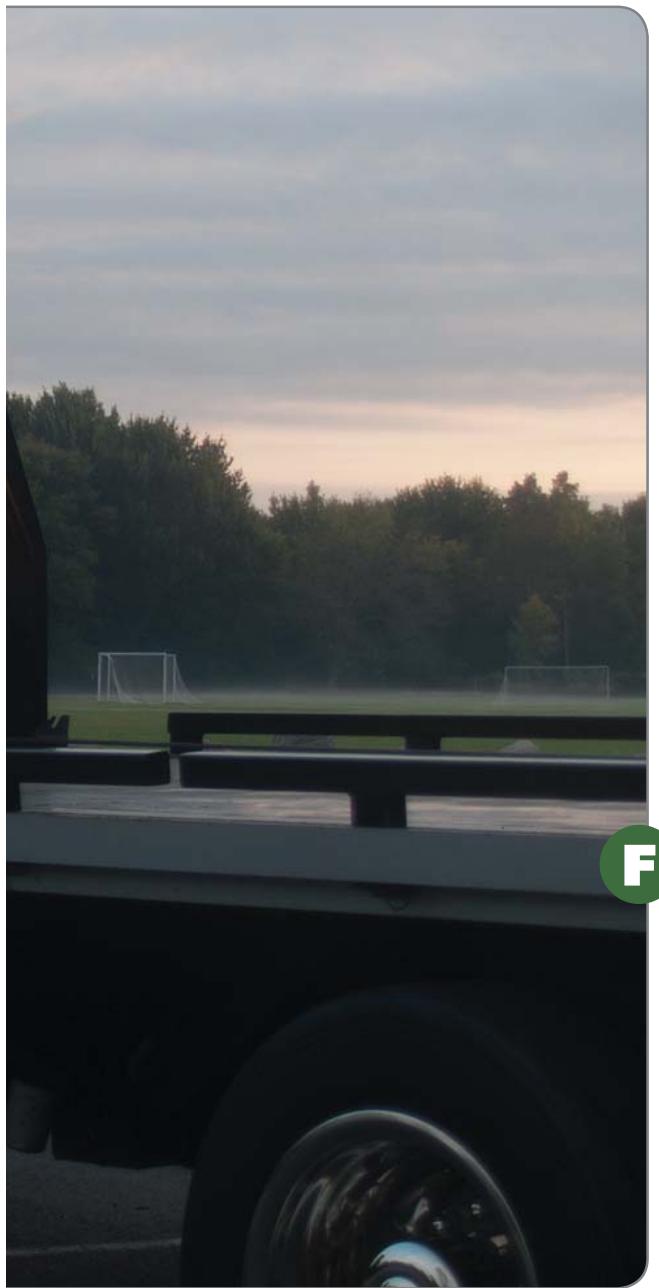
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# Amber Packages - Wrecker/Tow

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*Signal*



C

## Front/Grille/Fog

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*Highlighted Amber items indicate product installed on sample vehicle.*

# DOT/Municipal Trucks

## Amber Package Lighting

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**B**

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**C**

### Front/Grille/Fog

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- LED3 Mini Light* ..... 36
- Predator 2™ DDG* ..... 45
- Predator™ DDG* ..... 45
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**D**

### Exterior Mirrors

- Predator 2™ SM* ..... 29
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**E**

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# Amber Packages - DOT/Municipal

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**F**

## Rear

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## Other

<i>Dome Lights</i> .....	54
<i>Flashers</i> .....	63
<i>Switches</i> .....	61
<i>Strobe Power Supplies</i> .....	28

**Highlighted Amber items indicate product installed on sample vehicle.**

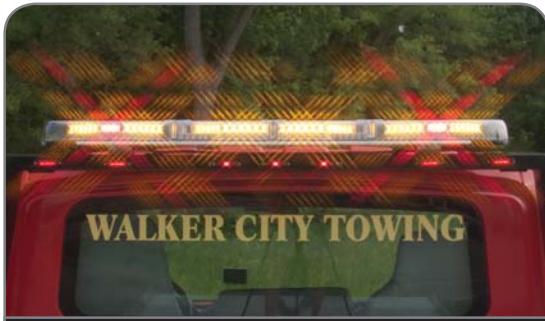
# Skyfire™

Full Size LED Lightbar

- **New value priced Skyfire™ LED lightbar is specifically designed for the Amber & volunteer market**
- **Strategically positioned 40° module placement** on the end caps provide an optimum level of off angle performance - critically important at dangerous intersections
- **Premium Gen3 LED Fusion Technology** - made with the same modules as our popular Pinnacle™ Mini lightbar
- **Uninterrupted signal across the entire length** - Work Light & Take Down modules are mounted below the warning modules for a full signal
- **Smart Mirror Reflectors** enhance & brighten signal increasing conspicuity & safety
- **Multiple module configurations** with optional rear Work Lights, front Take Downs or rear Red LED Stop/Tail/Turn modules available
- **Work Light optics angled down 8°** to clearly illuminate the rear work area or last 8 feet of a tow truck bed for better visibility for those working night shifts or during inclement weather
- **Work Lights & Take Downs** offered in LED or a low cost Halogen option (lightbar is not available with an alley light option)
- **Field configurable** - outer dome is easy to remove & modules can be quickly changed out if needed
- **3 mounting options:** Low Profile Fixed, Headache Bracket or Flat Mount (hardware only), see page 15 for more information
- **Available in Clear Lens with Amber, Blue, Red or White LED modules**
- **Offered in 3 lengths:** 48", 55" & 60"
- **LED modules offer a full 5 Year No Hassle Warranty** (NOTE: Halogen Work Light & Take Modules feature a 1 Year No Hassle Warranty)



Visit our New Website in 2012 w/  
Online Configurator!



**Skyfire™ offers a full, uninterrupted signal with LED Work Light, Take Down or Stop/Tail/Turn options.**



**600 lumen LED Work Light/Take Down Modules optional. Work Light Modules are angled down 8° for optimal work area lighting.**



**Strategically positioned 40° modules offer critical intersection warning & maximum off angle output.**



**Amber LED Skyfire lightbar mounted on a wrecker/tow truck. GHOST™ Edge Mount & Universal UnderCover™ also shown.**



48" Lightbar with Low Profile Fixed Brackets  
& 2 center Take Down Modules.



Skyfire™

**Full Size LED Lightbar: #ESF1000**

Lightbars are custom ordered to your specifications,  
see website for order form at [www.soundoffsignal.com](http://www.soundoffsignal.com).



**Lightbars - Skyfire™ (NEW!)**

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

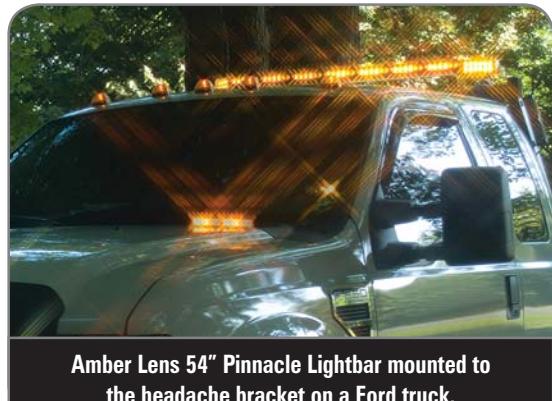
**SoundOff**



Tech Specs on pages 17 - 18 / Bracket information on page 15

# Pinnacle™ LED Full Size Lightbar

- Innovative optics design, "Fusion Technology",** the first optics designed like a lighthouse to boost the light farther & wider for a brighter, safer warning signal
- DSC Technology (Digital Serial Communication)** provides 24 separate control lines (inputs) to connect to your switching devices - this 15' thin digital cable reduces installation time & expense
- Streamlined, modular design** is easy to maintain with field replaceable modules that are easily upgradable
- Powerful LED Alley & Take Down Modules standard**
- 2 LED Alley Light options:** Standard lens or 15° Forward Facing optics - Standard Lens casts a direct flood of light from the lightbar while the 15° Forward Facing casts the light slightly forward for increased driver side visibility
- 3 mounting options:** innovative Adjustable Mount, Headache Rack or Low Profile Fixed Mount Brackets, see page 15 for more information
- Optional Preemption Infrared Module available** for use with the Opticom™ Infrared System that increases intersection safety & reduces response times for first responders
- Split Arrow option** illuminates every other diode in each inboard module along the length of the bar
- 2 Rear Arrow Control options:**  
4 Wire option with built-in Arrow Controller that works with any standard left, right or center out warning switch (DAS compatible, see pg. 61)  
The 8 Wire option allows 8 arrow inputs which are compatible with other manufacturer's directional arrow controllers
- Operating Modes:** 1) Cruise Mode - turns on selected lights in low power mode. 2) Mode 1 - set to any pattern (standard mode). 3) Mode 2 - set to any pattern (activated by the mode wire on the Breakout Box) also referred to as "rolling code". 4) Low Power Mode - works in combination with Mode 1 or Mode 2 with arrow/turn/brake functions to reduce the brightness of the lightbar
- Clear or Color Lenses in Amber, Blue or Red**
- 6 Lengths available:** 36" (91 cm), 42" (107 cm), 48" (122 cm), 54" (137 cm), 60" (152 cm) & 72" (183 cm)



# Lightbars - Pinnacle™



## Pinnacle™

### Full Size LED Lightbar:

#EPL9000

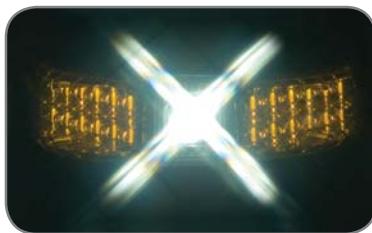
Lightbars are custom ordered to your specifications, see website for order form at [www.soundoffsignal.com](http://www.soundoffsignal.com).



Low Profile Fixed Mount Bracket



Pinnacle™ Series LED Lightbars feature exclusive, Fusion Technology optics that enhance & boost the light output for a super wide angle & a brighter signal.



LED Alley Lights standard in 2 options: Standard & 15 Degree Forward Facing for advanced side viewing down dark alleys & streets.

Intense, bright white Gen3 LED Take Down/Work Lights are standard. Up to 4 lights total can be ordered (2 in the front & 2 in the rear).



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**SoundOff**

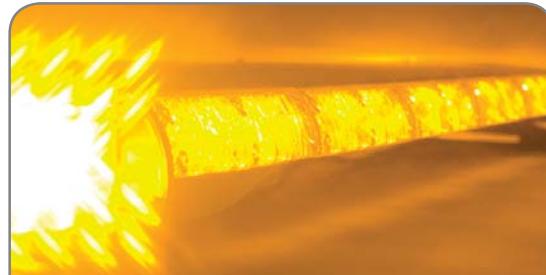
# APEX™

## Full Size LED Lightbar

- Our new powerful lightbar, APEX™ offers a streamlined design with unique “wing” shape was wind tunnel tested to show the lowest drag with no added lift force to the car for fuel savings & better vehicle handling
- Our thinnest lightbar with a slim inboard module at just 1.6" (39 mm) tall
- New 180° Scene Light option which uses Alley lights & strategically placed Take Down lights (see diagram opposite page)
- Powerful LED Alley & Take Downs standard
- 6 ultra bright, high bin LEDs per module for the brightest, fullest warning signal even in the brightest conditions
- Fusion Technology optics on the end caps with 12 LEDs per module
- New inboard optics feature striations on the lenses to bend the light for extreme off angle visibility
- New Alley light design is positioned at just the right angle for advanced side viewing while operating the vehicle
- Sealed modules with sealed connectors makes changing out modules even easier & quicker (replace or reconfigure inboard modules easily without replacing the circuit board)
- Replaceable End Caps can be removed while bar is still attached to the vehicle
- Split Rear Arrow option available
- 3 Mounting Options: innovative Adjustable Mount Brackets, Headache Rack Brackets or Low Profile Fixed Mount Brackets, see page 15 for bracket information
- Low Profile Mounting Bracket can be adjusted up to 1.25" height to match the contour of the vehicle roof for maximum visibility & safety
- UV stabilized, durable Lexan polycarbonate lenses
- High grade aluminum extrusions on top & base of bar
- 10 - 16 or 10 - 30 Vdc operation
- Clear or Color Lenses in Amber, Blue or Red
- Compatible with DAS - Directional Arrow Switch (see pg. 61) for flexible switching with other equipment
- Many Lengths available: 37" (93 cm), 43" (110 cm), 50" (127 cm), 56.5" (143 cm), 63" (160 cm), 70" (177 cm) & 76" (194 cm)



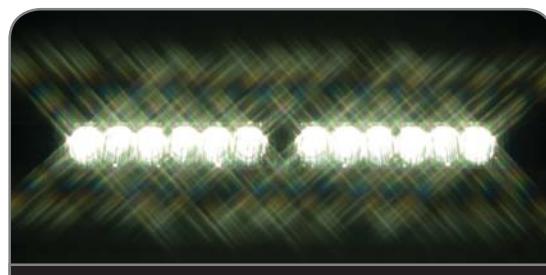
Exclusive, aerodynamic shape is designed to reduce fuel consumption. Wing shape glides through the air.



APEX™ Lightbar is powered with super bright, high bin LEDs and extreme off angle output.



Four powerful, pure white LEDs power the Alley Light Module. End Caps feature Fusion Technology optics.



Intensely bright white LED Work lights standard.

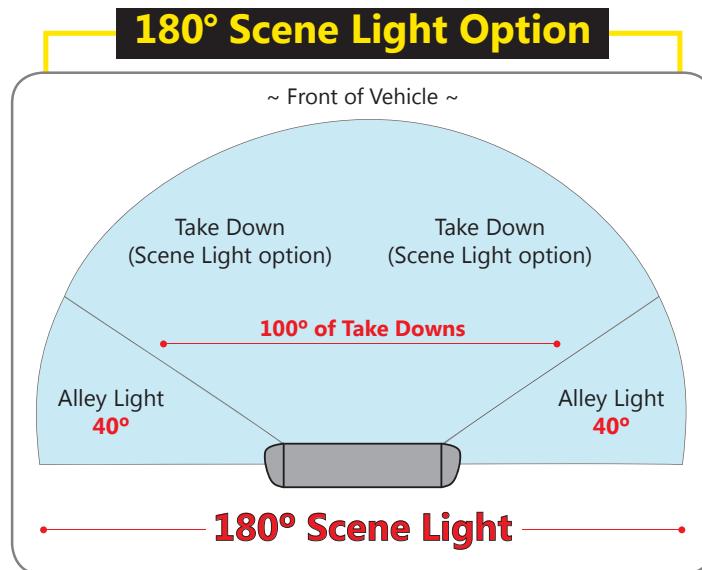
# Lightbars - APEX™ (NEW!)



**APEX™**

**Full Size LED Lightbar:**  
#EPX3000

Lightbars are custom ordered to your specifications, see website for order form at [www.soundoffsignal.com](http://www.soundoffsignal.com).



## Exclusive Fuel Saving Design



## Wind Tunnel Tested

The unique "wing" shape was wind tunnel tested & showed the best aerodynamic design. APEX™ showed the lowest drag with no added lift force to the car for fuel savings & better vehicle handling.



1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

**SoundOff**

# ETL5000™ LED Full Size Lightbar

- The most powerful & visible LED lightbar on the market**, the ETL5000™ exceeds SAE light requirements with end cap output alone!
- DSC Technology (Digital Serial Communication)** provides 24 separate control lines (inputs) to connect to your switching devices (includes thin digital serial 15' RJ-11 cable which reduces installation time & expense)
- Unique Rear Split Arrow modules** activate the upper row of LEDs against the bottom row of LEDs
- LED Take Down, Work Light & Alley lights standard**
- 2 LED Alley Lights options:** Standard Flood or 15° Forward Facing that casts the light slightly forward for better & safer driver/passenger side viewing down dark alleys & streets
- Streamlined, modular design**
- Field replaceable modules**
- Cruise Mode** turns on selected lights in low power mode
- Low Power Mode reduces the brightness** to 30% power when needed
- 2 Mounting Options: Adjustable or Low Profile Fixed Mount (see page 15 for details).** Innovative Adjustable Mount bracket allows for custom height & tilt adjustments that is great for larger vehicles to increase lightbar visibility at specified angles. The Fixed Mount brackets offers a sleek, discreet mount, at just 3/4" (19 mm) above the roof most sedans
- 2 Rear Arrow Control options:** 1) 4 Wire option with built-in Arrow Controller is compatible with any standard left, right or center out warning switch/controller (may also be used with our DAS, Directional Arrow Switch, see pg. 61) 2) The 8 Wire option allows 8 arrow inputs that are compatible with directional arrow controllers offered by other manufacturers
- Clear or Color Lenses in Amber, Blue or Red**
- 8 Lengths available:** 33" (84 cm), 38.5" (98 cm), 43.25" (110 cm), 48" (122 cm), 52.75" (134 cm), 57.5" (146 cm), 62.25" (158 cm) & 67" (170 cm)



# Lightbars - ETL5000™

## ETL5000™

### Full Size LED Lightbar:

#ETL5000

Lightbars are custom ordered to your specifications, see web for order form & add'l info: [www.soundoffsignal.com](http://www.soundoffsignal.com)



### Unique Split Rear Arrow

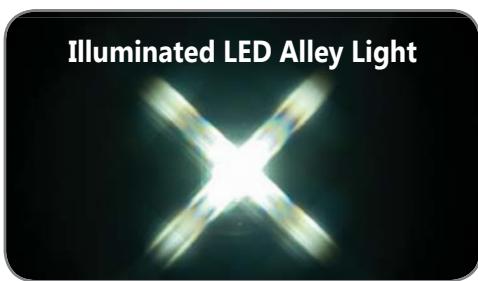
Upper Row Activated



Lower Row Activated



Illuminated LED Alley Light



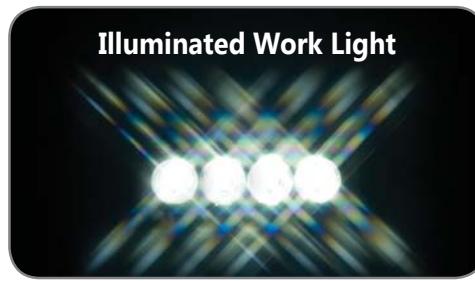
LED Work Lights standard



LED Alley Light Module



Illuminated Work Light



1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

**SoundOff**  
SIGNAL



(Blue & Amber)

# Lightbar Mounting Options

## Low Profile Fixed Mount Brackets

**Available for APEX™, ETL5000™, Pinnacle™ & Skyfire™**

- **Easy to install Low Profile Fixed Mount Brackets** mount the lightbar close to the roof line of the vehicle offering a stealthy, low profile appearance. Brackets are made from a durable stainless steel with non-slip rubber feet for extra grip. Clearance of just 3/4" on most vehicles.



Skyfire™



APEX™



ETL5000™ &amp; Pinnacle™

## Headache Mount Bracket

**Available for APEX™, ETL5000™, Pinnacle™ & Skyfire™**

- **New Headache Mount Bracket** is designed for installation onto truck headache racks. Bracket is forged from steel & powder coated for a long-lasting, anti-rust finish.

**NEW!**

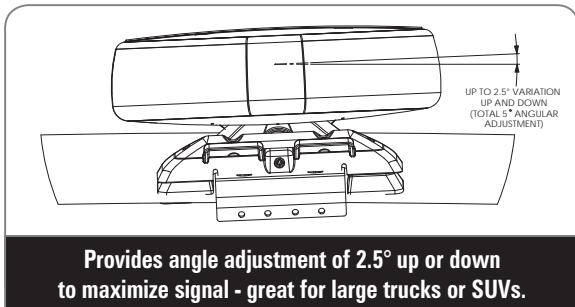


Shown on a Skyfire™ Lightbar

## Adjustable Height Bracket

**Available for ETL5000™ & Pinnacle™**

- **Innovative Adjustable Height Mounting Bracket** allow for custom height & tilt adjustments that allow for more flexibility than any other lightbar mounting system. Unique mounting feet allows for vertical height adjustment of 3 inches to provide low mounting height on Sedan applications and elevated mounting height for full size Van and SUV applications so a single bar has maximum visibility to traffic approaching from the front & the rear. Made with a durable & corrosive resistant stainless steel with large, rubber mounting pads for a cushioned, non-slip grip.



Shown on an ETL5000™ Lightbar

Lowest Height  
As low as 3/4" clearance from roof line



Highest Height  
Up to 3" clearance from roof line



# Interior Lightbars - Pinnacle™ (plus Lightbar Mounts)

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

## Pinnacle™

### LED Windshield Lightbar

#EPL8000WS

Lightbars are custom ordered to your specifications, see website for order form, [www.soundoffsignal.com](http://www.soundoffsignal.com).

(Ford F-150 truck model shown)

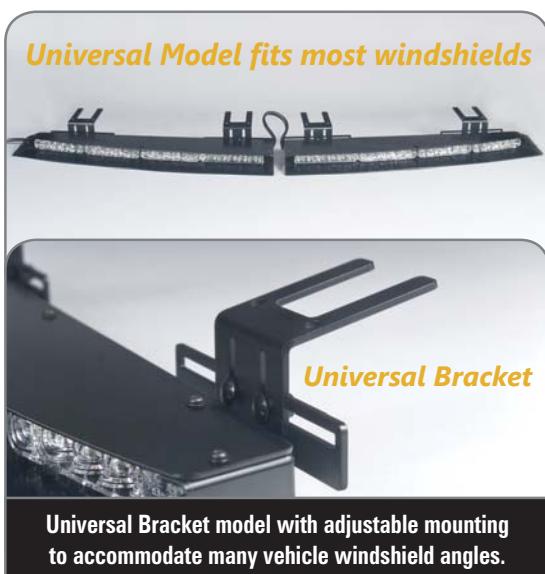


- Built with our exclusive "Fusion Technology"** optics that disperses an even distribution of light with a super wide angle output
- Lower profile than competing lightbars** with less overall windshield obstruction & smaller footprint
- Many vehicle specific models** for SUVs & Trucks; Chevrolet Tahoe, Ford Expedition, Explorer & F-150 trucks (see website for product specs & other vehicle specific models)
- Universal model with adjustable mounting brackets** accommodate most windshield angles for even greater compatibility with different vehicle models & years
- Up to 2 LED Take Down modules** can be designated in your choice of position on the bar
- Bar is custom ordered to your specification** (see website for order form)
- Clear Lenses in Amber, Blue, Green or Red LEDs**

Tech Specs	Pinnacle™ Windshield
Flash Patterns:	36 Warning / 9 Take Down
Light Sync:	No
Technology:	48 Gen3 LEDs (6 LEDs per module)
Input Voltage:	10 - 30 Vdc @ 12.8 Vdc
Current Draw:	Warning Module (flashing): 0.5 amps Take Down Module (steady on): 0.6 amps
Dimensions:	Ford F-150: 39" (99 cm) L x 1.2" (30 mm) H x 6" (15 cm) D Universal (each side): 20" (51 cm) L x 1" (25 mm) H x 7.5" (19 cm) D (see website for other bars dimensions)
Operating Temp.:	-40° to +65° C / -104° to +149° F



Ford F-150 model shown with Amber LEDs and 2 center Take Down Modules.



# Lightbar Technical Specifications

LIGHTBAR TECHNICAL SPECIFICATIONS		
	ETL5000™ (pgs. 13-14)	PINNACLE™ (pgs. 9-10)
<b>Flash Patterns</b>		
Standard Warning	21 flash patterns	
LED Take Down & Alley Lights	5 flash patterns	
Arrow Left, Center & Arrow Right	4 flash patterns	
Arrow Warning	Solid Arrow: 9 Warning / Split Arrow: 17 Warning	
<b>Options</b>		
Opticom™ Preemption Module	No	Yes
Mounts	Adjustable Bracket Headache Bracket Low Profile Fixed Bracket	
Rear Split Arrow	Upper 3 diodes flash against lower 3 diodes in each rear arrow inboard module	Every other diode flashes in each rear arrow inboard module along length of bar
<b>Voltage</b>		
Voltage	10 - 16 Vdc	
<b>Current Draw @ 12.8 Vdc</b>		
Inboard	Flashing: 0.5 Amps / Steady on: 1 Amp	
Corner Module	Flashing: 1 Amp / Steady on: 2 Amps	
Alley Light	Flashing: 0.25 Amps / Steady on: 0.5 Amps	Flashing: 0.33 Amps / Steady on: 0.65 Amps
Take Down Light	Flashing: 0.38 Amps / Steady on: 0.75 Amps	Flashing: 0.5 Amps / Steady on: 1 Amp
<b>Technology</b>		
Inboard Module	6 Gen3 LEDs	
Corner/End Module	12 Gen3 LEDs	
Alley Light	1 multi-chip Gen3 LED	
Take Down Light	6 Gen3 LEDs	
<b>Operating Temperature</b>		
Operating Temperature	-40° to +65° C / -104° to +149° F	
<b>Lengths &amp; Dimensions</b>		
Lengths	6 Modules: 38.5" (98 cm) 7 Modules: 43.25" (110 cm) 8 Modules: 48" (122 cm) 9 Modules: 52.75" (134 cm) 10 Modules: 57.5" (146 cm)	4 Modules: 36" (91 cm) 5 Modules: 42" (107 cm) 6 Modules: 48" (122 cm) 7 Modules: 54" (137 cm) 8 Modules: 60" (152 cm) 9 Modules: 72" (183 cm)
Inboard Module Size	4.75" (121 mm) Length x 2.125" (54 mm) Height	

***NOTE: Specifications are subject to change without notice.***

*Please refer to our website at [www.soundoffsignal.com](http://www.soundoffsignal.com) or call 1.800.338.7337 for Owner's Manuals, Order Forms, online Configurators photos, videos & more information.*

# Lightbar Technical Specifications

LIGHTBAR TECHNICAL SPECIFICATIONS		
	APEX™ (pgs. 11-12)	Skyfire™ (pgs. 7-8)
<b>Flash Patterns</b>		
<b>Standard Warning</b>	21 flash patterns	27 Flash Patterns
<b>Alley Lights</b>	5 flash patterns	NA
<b>Take Down/Work Lights</b>	5 flash patterns	Steady Burn only
<b>Arrow Left, Center &amp; Arrow Right</b>	4 flash patterns	NA
<b>Arrow Warning</b>	Solid Arrow: 9, Split Arrow: 17	NA
<b>Options</b>		
<b>Opticom™ Preemption Module</b>	No	No
<b>Mounts</b>	Headache Bracket Low Profile Fixed Bracket	Headache Bracket Flat Mount Hardware Low Profile Fixed Bracket
<b>Adjustable Mount</b>	No	No
<b>Rear Split Arrow</b>	Every other diode flashes in each rear arrow inboard module along length of bar	NA
<b>Voltage</b>		
<b>Voltage</b>	10 - 16 Vdc	10 - 16 Vdc or 10 - 30 Vdc
<b>Current Draw @ 12.8 Vdc</b>		
<b>Inboard/Warning Module</b>	Flashing: 0.5 Amps / Steady on: 1 Amp	Warning Module Flashing: 0.25 Amps / Steady on: 0.50 Amps
<b>Corner (APEX) or STT Module (Skyfire)</b>	Flashing: 1 Amp / Steady on: 2 Amps (each corner)	Stop/Turn - Flashing: 0.11 mA Tail - Flashing: 25 mA Steady on (both): 0.46 mA
<b>Alley Light</b>	Flashing: 0.25 Amps / Steady on: 0.50 Amps	NA
<b>Take Down Light</b>	Flashing: 0.5 amps / Steady on: 1 Amp	<u>LED</u> - 1 Amp Flashing & Steady on <u>Halogen</u> - 2.6 Amps Flashing & Steady on
<b>Technology</b>		
<b>Inboard Module</b>	6 Gen3 LEDs	6 Gen3 LEDs
<b>Corner/End Module</b>	12 Gen3 LEDs each corner	6 Gen3 LEDs
<b>Alley Light</b>	4 Gen3 LEDs	NA
<b>Take Down Light</b>	6 Gen3 LEDs	
<b>Operating Temperature</b>		
<b>Operating Temperature</b>	-40° to +70° C / -104° to +158° F	
<b>Lengths &amp; Dimensions</b>		
<b>Lengths</b>	4 Modules: 36" (91 cm) 5 Modules: 43" (109 cm) 6 Modules: 50" (127 cm) 7 Modules: 56.5" (145 cm) 8 Modules: 63" (160 cm) 9 Modules: 70" (178 cm) 10 Modules: 76" (193 cm)	48" (122 cm) Length 55" (140 cm) Length 60" (152 cm) Length  3" (76 mm) overall Height x 11.25" (29 cm) overall Width
<b>Inboard Module Size</b>	6.6" (17 cm) Length x 1.6" (41 mm) Height	NA



(Amber Class 1 Model Coming Soon)

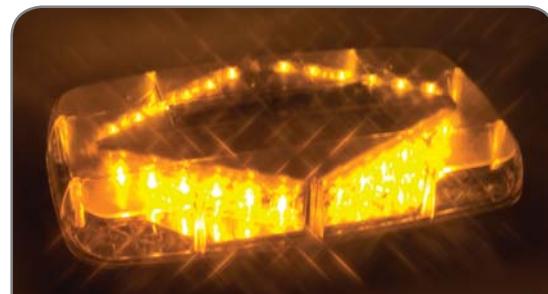


Magnetic Mount

- SAE J845 Class 1 Certified mini lightbar (Blue & Red colors, Amber Class 1 model coming soon)**
- Custom Color Configurations now available,** see website for order forms to specify custom color for each module
- 4 Fusion Technology modules** for a safe & bright signal with an extra wide angle of output
- Magnetic or Permanent Mounts available**
- 2 Permanent Mount options; Low or High mounts**
  - High Mount bracket elevates mini bar for optimum visibility & enhanced safety on larger trucks & vehicles
- Magnetic Mount features 4 extra strong magnets**
  - each with 85 lb. pull to prevent the bar from slipping or moving
- Magnetic Mount includes 12 volt DC plug** with 3-position rocker switch for On, Off & Flash Pattern Advance with red LED indicator light & 10' cord length
- Permanent Mounts include 12' cable with bare wires** for hard wire installation
- Non-volatile memory** recalls last flash pattern used
- Clear outer dome with solid or split LED colors**

**Pinnacle™ EPL7000 Mini Lightbar**

Magnetic Mount: #EPL7M+(x)C  
 Low Permanent Mount: #EPL7PD(x)C  
 High Permanent Mount: #EPL7HD(x)C



Exclusive Fusion Technology optics power this bright mini lightbar - same optic as the full size Pinnacle™ Lightbar.



High Permanent Mount option is available for larger vehicles to elevate the bar for maximum visibility.

Tech Specs	Pinnacle™ Mini
Flash Patterns:	28
Technology:	24 Gen3 LEDs
Input Voltage:	10 - 16 Vdc
Current Draw:	2 amps average
Dimensions:	Length x Width x Height
Base	14.16" (36 cm) L x 8.27" (21 cm) W x 1.90" (48 mm) H
Magnetic Mount	2.97" (75 mm) Overall Height Ø.87" (22 mm) clearance
Low Perm. Mount	2.28" (58 mm) Overall Height Ø.38" (10 mm) clearance
High Perm. Mount	4.25" (108 mm) Overall Height 2.35" (60 mm) clearance
Operating Temp.:	-40° to +60° C / -104° to +140° F



## COLORS

### Solid

(x) = A B G R W

### Dual/Split



(x) = G H J K L

M N P R W

# Mini Lightbars - Pinnacle™ & LED3™

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)



- SAE J845 Class 1 Certified mini lightbar (all colors)**
- Custom Color Configurations** - specify color of each module, see website for order form
- 10 Powerful LED3 modules** totaling 30 LEDs!
- Magnetic or Permanent Mounts available**
- Magnetic Mount includes 12 volt DC plug** with 3-position rocker switch for On, Off & Flash Pattern Advance with red LED indicator light & 10' cord length
- Magnetic Mount features 4 extra strong magnets** - each with 85 lb. pull to prevent the bar from slipping or moving
- Permanent Mount includes 12' cable** with bare wires for hard wire installation
- Non-volatile memory** recalls last flash pattern used at power up
- Clear outer dome with solid or split LED colors**

Tech Specs	LED3™ Mini
Flash Patterns:	24
Technology:	30 Gen3 LEDs
Input Voltage:	10 - 16 or 10 - 30 Vdc
Current Draw:	Less than 6 amps
Dimensions:	Length x Width x Height
Base	14.16" (36 cm) L x 8.27" (21 cm) W x 1.90" (48 mm) H
Magnetic Mount	2.97" (75 mm) Overall Height Ø.87" (22 mm) clearance
Permanent Mount	2.28" (58 mm) Overall Height Ø.38" (10 mm) clearance
Operating Temp.:	-40° to +60° C / -104° to +140° F

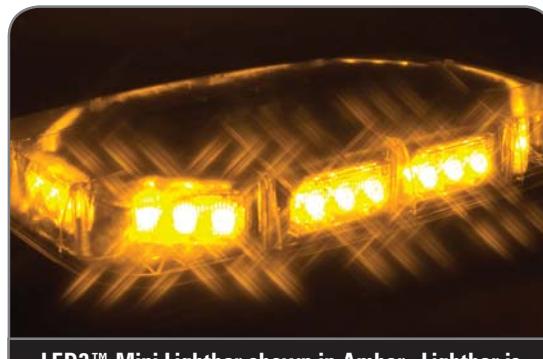


## LED3™ 10 - 16v Mini Lightbar

Magnetic Mount: #EL3MBM+(x)C  
Permanent Mount: #EL3MBPD(x)C

## LED3™ 10 - 30v Mini Lightbar

Magnetic Mount: #EL3MBM3Ø+(x)C  
Permanent Mount: #EL3MBP3ØD(x)C



LED3™ Mini Lightbar shown in Amber. Lightbar is powered with 10 intensely bright, high bin LED modules.



Magnetic Mount bracket shown. Magnetic Mount option includes 10' cord with cigar plug for easy installation.

## COLORS

### Solid

(x) = A B G R W

### Dual/Split

A B D E F

(x) = G H J K L

M N P R W

# UltraLITE



Interior Warning Bar

10-16  
volt

- Incredible & intense warning power** provides a distinct safety advantage
- Each module has 3 very bright, high bin Gen3 LEDs** for better reliability, performance & consistent, true color
- 4, 8 or 12 module lengths for interior use**
- Slim, narrow design** is perfect for headliner, dash/windshield & rear deck mounts in all types of vehicles (see pg. 47 for windshield model with shroud for reduced flashback)
- Solid & Split Colors available**
- Program up to 3 Warning Patterns** on the 8 & 12 Module dual/split color bars
- Compatible with our DAS**, see pg. 61
- Includes adjustable height Universal "L"-brackets** (pair) for dash/deck or headliner mounts w/ 14' cable

## Interior 4, 8 or 12 Module Warning Bars

### Solid or Split Standard Bars:

4 Module Bar #EL3H04A00(x)  
8 Module Bar #EL3H08A00(x)  
12 Module Bar #EL3H12A00(x)

### w/ Warning Ends (flash w/ arrow):

8 Module, Single #EL3H08A10(x)  
12 Module, Single #EL3H12A10(x)  
12 Module, Dual #EL3H12A20(x)

### w/ Independent Warning Ends

(ends flash independently from arrow):

8 Module, Single #EL3H08B10(x)  
12 Module, Single #EL3H12B10(x)  
12 Module, Dual #EL3H12B20(x)



8 Module Interior UltraLITE™ bar shown in the rear window of a F-250 work truck.



8 Module Interior UltraLITE™ bar mounted in the rear window of a Ford Escape Hybrid - low amp draw is great for hybrid vehicles.

Tech Specs	UltraLITE™ Interior Bar
Flash Patterns:	12 to 20 Flash patterns See web for Installation Sheet & full details
Light Sync:	No
Technology:	Gen3 LEDs 4 Module: 12 LEDs, 8 Module: 24 LEDs, 12 Module: 36 LEDs
Input Voltage:	10 - 16 Vdc
Current Draw:	less than 1 amp per module
Dimensions:	Length x Height x Depth 4 Module Bar: 13.25" (34 cm) L 8 Module Bar: 26" (66 cm) L 12 Module Bar: 38.75" (98 cm) L x 1.5" (38 mm) H x 1.7" (43 mm) D (for all)
Operating Temp.:	-40° to +65° C / -104° to +149° F

## COLORS

### Solid

(x) = A B G R W

### Dual/Split

A B D E F

G H J K L

M N P R W

Colors are for Interior and Exterior UltraLITE™ Bars.

# Directional/Warning Bars - UltraLITE™

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

# UltraLITE



Exterior Warning Bar



- Custom Color Configurations offered for Exterior** 4, 8 or 12 module bars (see website for order form)
- Incredible & intense warning power** provides a distinct safety advantage
- Weatherproof, potted controller** with weatherproof connectors for exterior use
- 2, 4, 8 or 12 module lengths available**
- Each module has 3 very bright, high bin Gen3 LEDs** for better reliability, performance & consistent, true color
- Program up to 3 Warning Patterns** on the 8 & 12 Module dual/split color bars
- Compatible with our DAS**, see pg. 61
- Includes adjustable height Universal "L"-brackets** (pair) for dash/deck or headliner mounts w/ 14' cable

10-16 volt

## Exterior 2, 4, 8 & 12 Module Warning Bars

### Solid or Split Standard Bars:

- 2 Module #EL3D02A00(x)
- 4 Module #EL3D04A00(x)
- 8 Module #EL3D08A00(x)
- 12 Module #EL3D12A00(x)

### w/ Single Warning Ends (flash w/ arrow):

- 8 Module #EL3D08A10(x)
- 12 Module #EL3D12A10(x)

### w/ Dual Warning Ends (flash w/ arrow):

- 12 Module #EL3D12A20(x)

### w/ Independent Warning Ends (ends flash independently from arrow):

- 8 Module, Single Ends #EL3D08B10(x)
- 12 Module, Single Ends #EL3D12B10(x)
- 12 Module, Dual Ends #EL3D12B20(x)

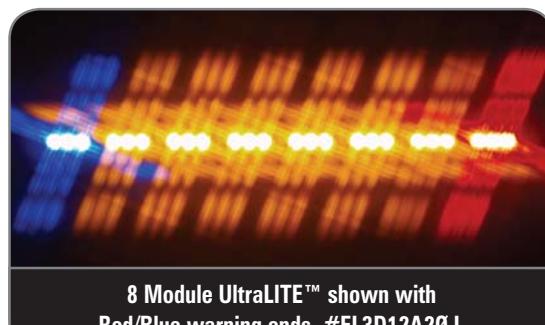
**10 - 30 Vdc Part Numbers:** add "-24" to the end of Part Number (for example: a 24 volt 4 Module bar would be #EL3D04A00J-24).

Colors: see bottom of opposite page.

10-30 volt



8 Module Exterior UltraLITE™ bar shown mounted on the rear of a Crimson Fire Truck.



8 Module UltraLITE™ shown with Red/Blue warning ends, #EL3D12A20J.



Many different optional brackets - 3 Hole Universal Bracket shown, #PUL3DGM03. See web for more brackets.

Tech Specs	UltraLITE™ Exterior Bar
<b>Flash Patterns:</b>	12 to 20 Flash patterns See web for Installation Sheet & full details
<b>Light Sync:</b>	No
<b>Technology:</b>	Gen3 LEDs 2 Module: 6 LEDs, 4 Module: 12 LEDs, 8 Module: 24 LEDs, 12 Module: 36 LEDs
<b>Input Voltage:</b>	10 - 16 or 10 - 30 Vdc
<b>Current Draw:</b>	less than 1 amp per module
<b>Dimensions:</b>	Length x Height x Depth 2 Module Bar: 6.9" (18 cm) L 4 Module Bar: 13.25" (34 cm) L 8 Module Bar: 26" (66 cm) L 12 Module Bar: 38.75" (98 cm) L x 1.5" (38 mm) H x 1.7" (43 mm) D (for all)
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F

# Signal Lights

Ask to see our Bus Catalog for all our LED Signal Lights



7" Rounds also available

## R4 RD SERIES

### 4" Round Red Stop/Tail/Turn

Light Only: #ECVR41STT-RD  
w/ Grommet: #ECVR42STT-RD



### 4" Round Yellow Turn

Light Only: #ECVR41TY-RD  
w/ Grommet: #ECVR42TY-RD



Ask to see our  
Bus Catalog for all LED  
Signal, Back Up, Marker  
& Licence Plate Lights

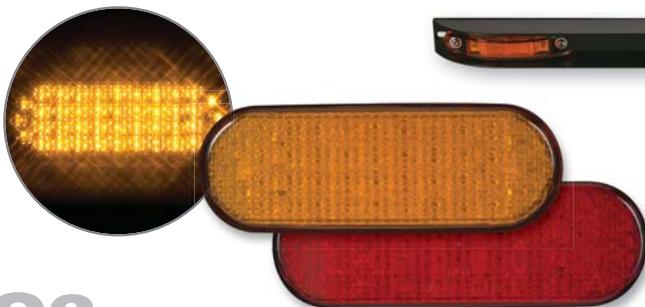
## R4 RD SERIES

### 4" Round Backup Light

Light Only: #ECVR41B3W  
w/ Grommet: #ECVR42B3W



6" Ovals & 7" Rounds  
also available



## 120 RD SERIES I.D. BAR

#ECVIDML12(x)-RD

(x) = Y R



2.5" Round  
also available



## 06 PREMIUM

### 6" Oval Red Stop/Tail/Turn

Light Only: #ECVO61STT  
Light w/ Grommet: #ECVO62STT



### 6" Oval Yellow Park/Turn

Light Only: #ECVO61TY  
Light w/ Grommet: #ECVO62TY



## 200 SERIES

### 2" Round LED Marker

#ECVML201(x)

(x) = Y R



# Directional/Warning Bars - TrafficMaster™ & Traffic Arrow™

## TrafficMaster™

Gen2 LED Directional/Warning Bar



Tech Specs	TrafficMaster™
Flash Patterns:	2 Warning Patterns & 6 Arrow Patterns
Light Sync:	No
Technology:	168 Gen2 LEDs
Mounting:	Surface Mount w/ included Brackets
Input Voltage:	10 - 30 Vdc
Current Draw:	2.2 amps max
Dimensions:	Length x Height x Depth Solid Bar: 42" (1 m) L x 2.75" (70 mm) H x 1.75" (44 mm) D Split Arrow: 21" (53 cm) L (each end) x 2.75" (70 mm) H x 1.75" (44 mm) D
Operating Temp.:	-30° to +65° C / -86° to +149° F

### Replacement Parts:

Control Box	#ET2CBTML
Flush Mount Brackets	#ETTMBRKT (pair)
L-Brackets	#PBKTLLEDTM (pair)
25' Extension Cable	#ETTMLEXT25
Warning Module	#PLEDTMWA (no arrow)
Arrow End Module	#PLMATMLED A
Directional Module	#PLMCTMLED A (no arrow)

TrafficMaster™ #ETTMLED-P



- Universal design fits interior rear windows in all types vehicles or can be mounted on the exterior
- 8 sealed weatherproof Gen2 modules
- Reliable self-contained solid state design
- Includes Control Box & Mounting Brackets
- Control Box features illuminated display to show flash pattern selected & 5-position rotary switch to control all primary functions
- Hard wire installation with 25' cable

## Traffic Arrow™

Gen2 LED Directional/Warning Bar



Standard Brackets

Heavy Duty Brackets

Traffic Arrow™  
#ETMLEC08



Tech Specs	Traffic Arrow™
Flash Patterns:	3 Total: 1 Warning and 2 Directional
Light Sync:	No
Technology:	168 Gen2 LEDs
Mounting:	Surface Mount w/ included Brackets
Input Voltage:	10 - 16 Vdc
Current Draw:	less than 3 amps
Dimensions:	Length x Height x Depth 42" (1 m) L x 2.6" (66 mm) H x 3.3" (84 mm) D
Operating Temp.:	-30° to +65° C / -86° to +149° F

- Self-contained with 3 Flash Patterns
- Glare reducing Sun Shield
- Heavy duty design
- Economically priced
- 8 sealed & weatherproof modules that require little routine maintenance
- Switch Panel & 2 Brackets included: Standard & Heavy Duty (most applications will use the Standard brackets) - Heavy Duty Brackets are for high stress applications

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

**SoundOff**  
Signal

# Universal UnderCover™

LED Insert

- LED 'hide away' insert elevates safety lighting with interchangeable lenses** that tailor the light output to complement your mounting application
- Insert includes Extreme Angle Lens** (Lens #1 - see diagram on opposite page for output patterns of all lenses)
- 2 additional lenses available** for customized light output (ordered separately) - Lens #2 offers concentrated Vertical/Forward output & Lens #3 for concentrated Horizontal/Side output
- Use with optional Bezels to surface mount** to any flat area on the vehicle body for additional lighting anywhere
- Bezels available in Black, Chrome or White** to complement vehicle color/accessories
- Optional Cruise Mode** reduces light output to 20% brightness if desired
- Retrofits with existing 1" strobe tube cutouts** in headlight, taillight or corner lights in all types of commercial vehicles
- Durable polycarbonate lenses with UV inhibitor** to prevent discoloration & sun fade
- Features super efficient heat sink**
- Weatherproof "O"-ring seal**
- 10-30 volt model available**
- Includes** Extreme Angle Lens #1, in-line flasher & cables for installation (Lenses #2 & #3 are ordered separately)



Offers great additional side lighting for large trucks when mounted with optional Surface Mount Bezels.



White Bezel shown. Bezel includes gasket for a tight seal & mounting screws for installation.



Custom tailored light output with 3 interchangeable lenses to provide the best output for your application.

Tech Specs	Universal UnderCover™ LED Insert
<b>Flash Patterns:</b>	30 Flash Patterns
<b>Light Sync:</b>	Yes
<b>Technology:</b>	6 Gen3 LEDs
<b>Mounting:</b>	Headlight/Taillight Mount into 1" Diameter cutouts or Surface Mount w/ optional Bezel Bezel mounts on 1.89" (48 mm) centers
<b>Input Voltage:</b>	10 - 16 or 10 - 30 Vdc
<b>Current Draw:</b>	less than 1 amp (pattern dependent)
<b>Dimensions:</b>	
<b>Insert</b>	Diameter x Height 1.5" (38 mm) Diam. x 0.9" (23 mm) H
<b>Bezel</b>	Length x Height x Depth 2.2" (56 mm) L x 1.65" (42 mm) H x 0.63" (16 mm) D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F

## COLORS

Solid

(x) = **A B G R W**

Dual/Split

**A B D E F**  
(x) = **G H J K L**  
**M N P R W**





## UNIVERSAL UNDERCOVER™ INSERT

### 10-16 Vdc Insert\*

10' Cable Length: #ELUC2SØ1Ø(x)  
25' Cable Length: #ELUC2SØ25(x)

### 10-30 Vdc Insert\*

10' Cable Length: #ELUC2HØ1Ø(x)

\* Includes Lens #1 Extreme Angle, in-line flasher & cable for hardwire installation.



## SURFACE MOUNT BEZELS

### Bezel only\*\*

Black: #PLUC2HSB  
Chrome: #PLUC2HSC  
White: #PLUC2HSW

\*\* Includes Bezel, mounting gasket & hardware.

### Insert w/ Bezel\*\*\*

Black: #ELUC2SB1Ø(x)  
Chrome: #ELUC2SC1Ø(x)  
White: #ELUC2SW1Ø(x)

\*\*\* Includes 10-16 Vdc Insert w/ Lens #1 & 10' cable, inline flasher w/ Bezel, mounting gasket & hardware.

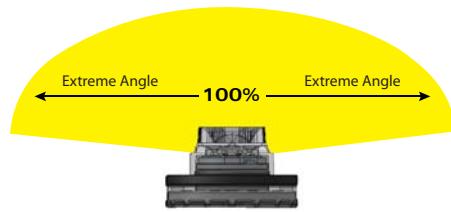


## PARTS & ACCESSORIES

Lens #1 - Extreme Angle: #PLUC2LN1E

Lens #2 - Vertical: #PLUC2LN1V

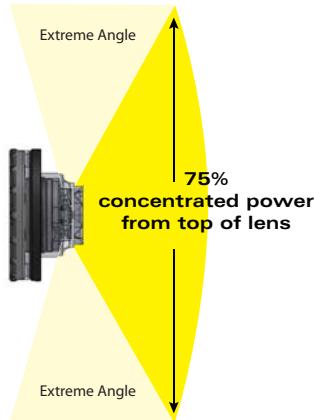
Lens #3 - Horizontal: #PLUC2LN1H



### Lens #1

#### Extreme Angle

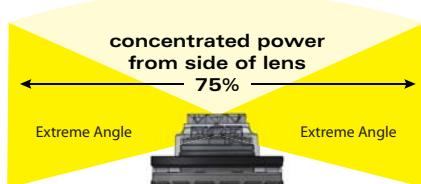
- Even distribution of output with Extreme Angle benefits.
- Optics designed to maximize the light bouncing off the reflector.
- Insert ships with Lens #1 attached.



### Lens #2

#### Vertical/Forward Impact

- Optics designed to concentrate the light through the top of the lens.
- Choose this lens for optimal power & extreme forward impact on vertical mounts.
- Extreme side angle output magnified by reflector.



### Lens #3

#### Horizontal/Side Impact

- Optics designed to concentrate the output through the sides of the lens for extreme, side angle visibility.
- Choose this lens for optimal power & extreme side angle impact when mounted in the horizontal position.
- Light from top of the lens fills reflector maximizing signal.

# UNDER COVER™ STROBE INSERT

by SoundOff Signal

## Push-In Strobe Insert (each)

Black Base/Amber Tube: #ETUP0A-P  
 Black Base/Clear Tube (White): #ETUP0C-P

## Push-In Strobe Insert - 15' Cable with AMP Connector (each)

Black Base/Clear Tube (White): #EUPNSNDC

## Push-in Style



## Screw-in Style

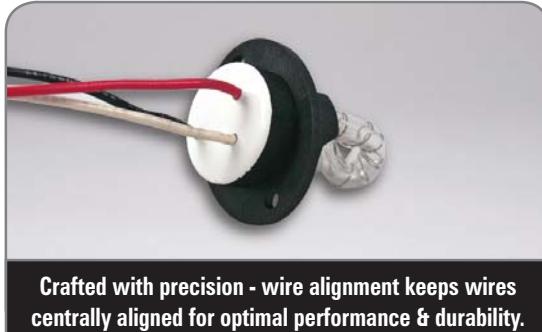


## Screw-In Strobe Inserts (each)

Black Base/Amber Tube: #ETUC0A-P  
 Black Base/Blue Tube: #ETUC0B-P  
 Black Base/Blue Tube: #ETUC0G-P  
 Black Base/Red Tube: #ETUC0R-P  
 Black Base/Clear Tube (White): #ETUC0C-P

- Traditional Strobe Head Inserts** powered by a 35 watt dual Helix Strobe Tube

- Manufactured with precise wire alignment** for superior performance - wires are centrally aligned unlike many competitors strobe tubes
- Available in 2 mounting styles** - Screw-in with a flange base or Push-in style with grommet base
- Screw-in style has a flange base** that is attached to the vehicle by using supplied screws
- Push-in style has a grommet base** and is installed by simply pushing the base through a pre-drilled hole
- Inserts include** 5.5" wire length with attached connector & mounting screws for installation



Crafted with precision - wire alignment keeps wires centrally aligned for optimal performance & durability.



Headlight installation shown on a Ford Crown Victoria.



Reverse light installation shown on a Ford Crown Victoria.

Tech Specs	UnderCover™ Strobe Insert
Flash Patterns:	Power Supply dependant (see Strobe Power Supplies)
Anode Voltage Range:	225 - 500 Volts
Maximum Energy:	20 Joules
Maximum Power:	35 watts
Trigger Energy:	4.4mJ typical @ 200 Volts
Current Draw:	Power Supply dependant
Dimensions:	Height x Diameter
Screw-In Style	1.7" (43 mm) H x 1.6" (41 mm) Flange Diam.
Push-In Style	1.6" (41 mm) H x 1.3" (33 mm) Flange Diam.
Operating Temp.:	-20° to +65° C / -68° to +149° F



# Strobe Inserts & Power Supplies

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

## Strobe Power Supplies

### Nebula™

#ETN660-P



### Galileo™

#ETG690-P



### Aurora™

#ETA225-P



### Photon™

#ETPN475



**SoundOff**  
Signal

Strobe Power Supply Kits available, see price guide for more information & pricing.

# Predator 2™ Extreme Angle LED Surface Mounts

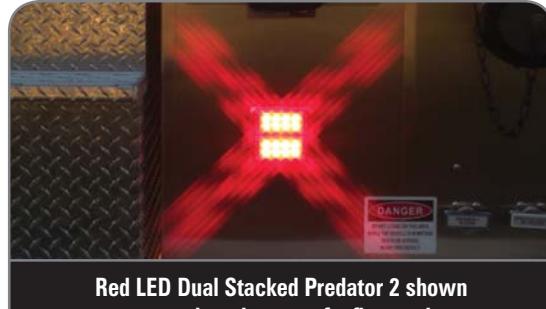
- Wide, bright Extreme Angle output** - our brightest surface mount light
- 10 - 30 volt operation**
- Heavy duty, weatherproof surface mount design**
- Die cast aluminum housing finished with a Black, Chrome or White powder coat finish**
- Durable Lexan polycarbonate lens** with UV inhibitor prevents discoloration
- Optional Mounting Brackets** available for additional mounting options (see bottom of opposite page for photos & part numbers)
- Single light in "split colors" available**
- Stop/Tail Light available in Dual Stacked model** - features upper Warning Module in your choice of color with a Red LED Stop/Tail Module on the bottom
- Light Sync Technology to synchronize your lights**
- Includes** Santoprene Rubber Mounting Gasket & Mounting Hardware with 18" of 3-wire Shielded Cable



Single Predator 2™ Single Surface Mount light mounted on the side of a truck offers a superior side warning signal.



45° Horizontal or Vertical brackets & 90° Bracket optional for versatile mounting in any area on the vehicle.



Red LED Dual Stacked Predator 2 shown mounted on the rear of a fire truck.



Dual Stacked Predator 2 mounted on the headache rack bracket on a Ford F-250 truck.

Tech Specs	Predator 2™
<b>Flash Patterns:</b>	33 Flash Patterns
<b>Light Sync:</b>	Yes
<b>Technology:</b>	Single: 8 Gen3 LEDs Duals: 16 Gen3 LEDs
<b>Mounting:</b>	Surface Mount
Single	on 4.125" (10 mm) centers
Stacked	on 4.14" (10 mm) centers
Side-by-Side	on 7.85" (20 cm) centers
<b>Input Voltage:</b>	10 - 30 Vdc
<b>Current Draw:</b>	Single: 1.1 amps max. Dual: 2 amps max. (flash pattern dependent)
<b>Dimensions:</b>	Width x Height x Depth
Single	4.5" (11 cm) W x 2.4" (60 mm) H x 1.25" (32 mm) D
Stacked	4.5" (11 cm) W x 3.8" (97 mm) H x 1.25" (32 mm) D
Side-by-Side	8.2" (21 cm) W x 2.4" (XX mm) H x 1.25" (32 mm) D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F



## COLORS

### Solid

(x) = A B G R W

### Dual/Split

A B D E F

(x) = G H J K L

M N P R W

# Surface Mounts - Predator 2™ Single & Duals

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)



## Single SM, Solid Colors

Black Housing: #EP2SSMDB(x)

White Housing: #EP2SSMDB(x)W

Chrome Housing: #EP2SSMDB(x)C



## Single SM, Split Colors

Black Housing: #EP2SSMBS(x)

White Housing: #EP2SSMWS(x)

Chrome Housing: #EP2SSMCS(x)



## Dual Stacked SM

Black Housing: #EP2DSMDB(x)

White Housing: #EP2DSMDB(x)W

Chrome Housing: #EP2DSMDB(x)C



## Dual Stacked SM, Stop/Tail

Black Housing: #EP2DSMSTT(x)

White Housing: #EP2DSMSTT(x)W

Chrome Housing: #EP2DSMSTT(x)C

Upper Warning Module can be Blue, Red or Amber.  
Bottom Module is Red only with Stop/Tail function.



## Dual Side-by-Side SM

Black Housing: #EP2DSSDB(x)

White Housing: #EP2DSSDB(x)W

Chrome Housing: #EP2DSSDB(x)C



45° Brackets

90° Bracket

Vertical #PPRSM45BRKT (pair)  
Horizontal #PPRSM45HBRKT (pair)

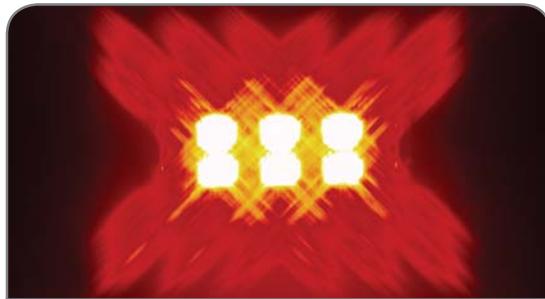
#PPRSM90BRKT (pair)

*Dash/Deck/Grilles also available, see pages 45 - 46  
Windshield Lights also available, see pages 49 - 50*

# Predator™

## LED Surface Mounts

- Heavy duty, weatherproof surface mount (SM) design in single or dual options**
- Die cast aluminum housing finished with a Black, Chrome or White powder coat finish**
- 10 - 16 volt operation**
- Durable Lexan polycarbonate Lens with UV inhibitor** prevents discoloration or yellowing of the lens
- Optional Mounting Brackets** available for additional mounting options (see bottom of opposite page for photos & part numbers)
- Light Sync Technology to synchronize your lights** to alternate the flash patterns or flash simultaneously
- Includes** Santoprene Rubber Mounting Gasket & Mounting Hardware with 18" of 3-wire Shielded Cable



Unique mount & special design angles & amplifies the output for heightened visibility wherever you need it.



Predator Dual Side-by-Side lights installed on a Canadian fire department van. ETL 5000 lightbar also shown.



Predator™ Single Surface Mounts installed on the grille of a Wildlife & Parks Chevrolet Silverado truck.

Tech Specs	Predator™
<b>Flash Patterns:</b>	33 Flash Patterns
<b>Light Sync:</b>	Yes
<b>Technology:</b>	Single: 6 Gen3 LEDs Duals: 12 Gen3 LEDs
<b>Mounting:</b>	Surface Mount
Single	on 4.125" (10 mm) centers
Stacked	on 4.14" (10 mm) centers
Side-by-Side	on 7.85" (20 cm) centers
<b>Input Voltage:</b>	10 - 16 Vdc
<b>Current Draw:</b>	Single: 1.1 amps max. Dual: 2 amps max. (flash pattern dependent)
<b>Dimensions:</b>	Width x Height x Depth
Single	4.5" (11 cm) W x 2.4" (60 mm) H x 1.25" (32 mm) D
Stacked	4.5" (11 cm) W x 3.8" (97 mm) H x 1.25" (32 mm) D
Side-by-Side	8.2" (21 cm) W x 2.4" (XX mm) H x 1.25" (32 mm) D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F



### COLORS

#### Solid

(x)= A B G R W

#### Dual/Split

A B D E F

(x)= G H J K L

M N P R W

# Surface Mounts - Predator™ Single & Duals

**SoundOff Signal**

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## Single SM



Black Housing: #EPRDSSMDB(x)  
 White Housing: #EPRDSSMDB(x)W  
 Chrome Housing: #EPRDSSMDB(x)C

## Dual Stacked SM



Black Housing: #EPRDDSMDB(x)  
 White Housing: #EPRDDSMDB(x)W  
 Chrome Housing: #EPRDDSMDB(x)C



## Dual Side-by-Side SM

Black Housing: #EPRDSSDB(x)  
 White Housing: #EPRDSSDB(x)W  
 Chrome Housing: #EPRDSSDB(x)C

### 45° Brackets



Horizontal (shown w/ light)



Vertical (kit shown)

### 90° Bracket



#PPRSM90BRKT (pair)

Vertical #PPRSM45BRKT (pair)  
 Horizontal #PPRSM45HBRKT (pair)

Dash/Deck/Grilles also available, see pages 45 - 46  
 Windshield Lights also available, see pages 49 - 50

# GHOST™

*Warning Lights* by SoundOff Signal

- The original GHOST light now in a sleek, narrow surface mount light - now available in a Dual Stacked light
- Die cast aluminum housing in your choice of Black, White or Chrome
- Available in 15 solid or split colors
- Premium optics offer the most power & brightness increasing safety for emergency workers & civilians alike
- 6 powerful Gen3 LEDs offer maximum brightness, color consistency & reliability
- Red Stop/Tail model is a low power, Steady-on Red Running Light. Once brake is applied light flashes 5 times & remains on at full power while brake is activated
- Moisture & vibration resistant for heavy duty & exterior applications
- Light Sync Technology to synchronize your lights to alternate the flash patterns or flash simultaneously
- Includes Santoprene Rubber Mounting Gasket & Mounting Hardware with 18" of 3-wire Shielded Cable

## **GHOST™ Single Surface Mount (SSM)**

- Single light in Black, Chrome or White housing colors

## **GHOST™ Dual Surface Mount (DSM)**

- NEW! Coming Soon
- Dual Stacked light in Black, Chrome or White housing colors

Tech Specs	GHOST™
Flash Patterns:	33 Flash Patterns
Light Sync:	Yes
Technology:	6 Gen3 LEDs
Mounting:	Surface Mount on 4.9" (124 mm) centers
Input Voltage:	10 - 30 Vdc
Current Draw:	0.75 amps (flash pattern dependent)
Dimensions:	Width x Height x Depth 5.7" (14 cm) L x 1.06" (28 mm) H x 1.8" (46 mm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



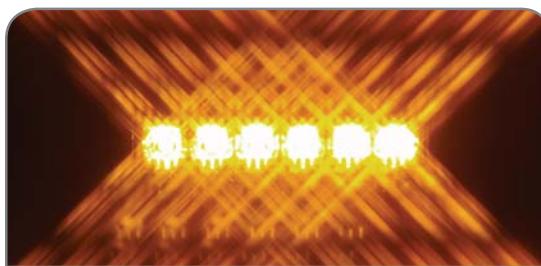
Excellent Stop/Tail rear lighting option for larger vehicles with power & brightness for a maximum signal.



Perfect mid-level lighting for increased visibility & heightened safety (Skyfire™ LED Lightbar also shown).



Close up photo of a Black housing GHOST™ light shown mounted on the side of a wrecker/tow truck.



Powerful, high bin LEDs for consistent color & maximum brightness offers a long-lasting, low maintenance light.

## COLORS

Solid

(x) = A B G R W

## Dual/Split

A	B	D	E	F
G	H	J	K	L
M	N	P	R	W

(x) = G H J K L

M N P R W

# Surface Mounts - GHOST™ Single or NEW! Dual

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)




## GHOST™ Single SM

Black Housing: #EGHST2(x)  
Chrome Housing: #EGHST2(x)C  
White Housing: #EGHST2(x)W

## GHOST™ Single SM - Stop/Tail

Black Housing: #EGHSTT2RB\*  
Chrome Housing: #EGHSTT2RC\*  
White Housing: #EGHSTT2RW\*  
\*Stop/Tail light available in R color only.



## GHOST™ Dual Stacked SM

Black: #EGHST6(x)B  
Chrome: #EGHST6(x)C  
White: #EGHST6(x)W



GHOST™ Spot Lights also available, see pages 69 - 70

# RAPTOR™

**EXPLOSIVE POWER. EXTREME ANGLE.**



**Black Housing/Clear Lens**  
#ERPT1SSMDB(x)

- **Specifically designed to resist corrosion** due to water & harsh cleansing agents used to clean vehicles
- **Durable Xylex molded lens & housing** resists rust, corrosion & protects against harsh detergents
- **Features an O-ring design** that reduces stress to the screw bosses for a more durable, long-lasting light
- **Extreme Angle optics for a bright, wide signal**
- **Light Sync Technology to synchronize your lights**
- **Features treated & potted internal heat sink** to protect the driver board & wires from moisture penetration
- **Includes** Santoprene Rubber Mounting Gasket, 18" of 3-wire shielded Cable & Mounting Hardware for installation

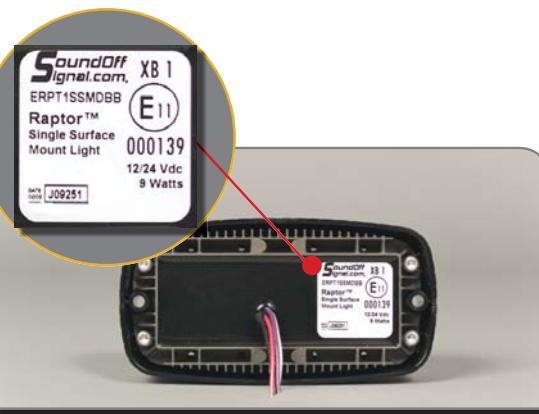


Raptor™ offers Extreme Angle optics with a durable & corrosion resistant Xylex lens & housing.



Red LED Raptor™ Single Surface Mount (SM) light.

Tech Specs	Raptor™
<b>Flash Patterns:</b>	6 Flash Patterns (3 simultaneous, 3 alternating)
<b>Light Sync:</b>	Yes
<b>Technology:</b>	8 Gen3 LEDs
<b>Mounting:</b>	Surface Mount on 4.2" (105 mm) centers
<b>Input Voltage:</b>	10 - 30 Vdc
<b>Current Draw:</b>	less than 2 amps
<b>Dimensions:</b>	Width x Height x Depth 5" (126 mm) W x 2.8" (70 mm) H x 1.4" (35 mm) D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F



Labeling on Blue LED light clearly shows "e" mark designated for ECE65 compliant lights for international use.



**COLORS**  
**Solid**  
(x)= **A** **B** **R** **W**

# Surface Mounts - Raptor™ Single & LED3™ Mini Light

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)



Dual LED3 Mini Lights mounted with Vertical License Plate Bracket shown on a Ford F-250 truck.

- High powered, versatile mini surface mount**
- Compact size - our smallest light**
- Many versatile mounting options** with optional brackets & bezels for any vehicle & any mount
- High quality, high bin LEDs** for consistent color
- Light Sync Technology to synchronize your lights** to alternate the flash patterns or flash simultaneously
- Black powder coated aluminum housing**
- Durable Lexan polycarbonate lens**
- Weatherproof design** with superior reliability & performance regardless of weather conditions
- Includes** Rubber Mounting Gasket & Mounting Hardware with 18" of 3-Wire Shielded Cable for hard wire installation

Tech Specs	LED3™ Mini Light
<b>Flash Patterns:</b>	33 Flash Patterns
<b>Light Sync:</b>	Yes
<b>Technology:</b>	3 Gen3 LEDs
<b>Mounting:</b>	Surface Mount on 2.21" (56 mm) centers
<b>Input Voltage:</b>	10 - 16 Vdc or 10 - 30 Vdc
<b>Current Draw:</b>	0.5 amps
<b>Dimensions:</b>	Width x Height x Depth 2.5" (64 mm) W x 1.4" (36 mm) H x 1.25" (32 mm) D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F



(Blue & Red = 1 light  
Amber = 2 lights)

10-16 Vdc #EL3SN(x)  
10-30 Vdc #EL3SN30(x)



Universal Grille Bracket  
#EL3SNBRK1GRU



45° Bracket  
Vertical #EL3SNBRK145  
Horizontal # EL3SNBRK145



90° Bracket  
#EL3SNBRK190



Side-by-Side 90° Bracket  
#EL3SNBRK290H



Stacked 90° Bracket  
#EL3SNBRK290V (horiz. mount)



Stacked 90° Bracket  
#EL3SNBRK290V (vertical mount)



Universal Lic. Plate Bracket:  
Horizontal (shown) #EL3SNBRK2LPH  
Vertical #EL3SNBRK2LPV



Single Bezel #PEL3BZSG(x)  
Bezels available in:  
Black=B, Chrome=C, White=W



Dual Stacked Bezel #PEL3BDS(x)



Dual Side-by-Side Bezel #PEL3BZSS(x)

## COLORS

Solid

(x)= A B G R W

LED3™ Spot Light also available, see page 72

# intersector™

by SoundOff Signal

- Patented design, the first light of its kind to offer critical intersection warning AND side warning**
- Design of light is based upon problem solving research** - 50% of all emergency vehicle crashes are likely to occur at dangerous intersections
- No other light offers 180 degree output** - specially designed reflector amplifies & throws the light at the perfect angle to increase visibility at intersections & offer side warning
- Variety of Adaptors for versatile mounting under many types of vehicle mirrors**
- Coming Soon! Custom order with your vehicle adaptors** - see web for order form (standard single light kit still available, part number shown on opposite page)
- Unique under mirror mount simplifies installation** - labor saving light is much easier to install than traditional front mirror skull mounts - no mirrors to work behind or around
- Light can be surface mounted to any flat area** on any type of vehicle - elevate your safety & visibility by mounting to the headache rack or body of the vehicle wherever additional lighting is needed
- Features Cruise Mode for steady burn if desired**



Unique mount & special design angles & amplifies the output for heightened visibility wherever you need it.



Powerful output with specially designed optics.  
White LED Intersector™ shown.



Intersector™ surface mounted on a headache rack for enhanced rear visibility & increased safety.



Adaptors & Wedges allow for Under Mirror Mounts on all types of vehicle mirrors. Shown on a Ford Explorer.

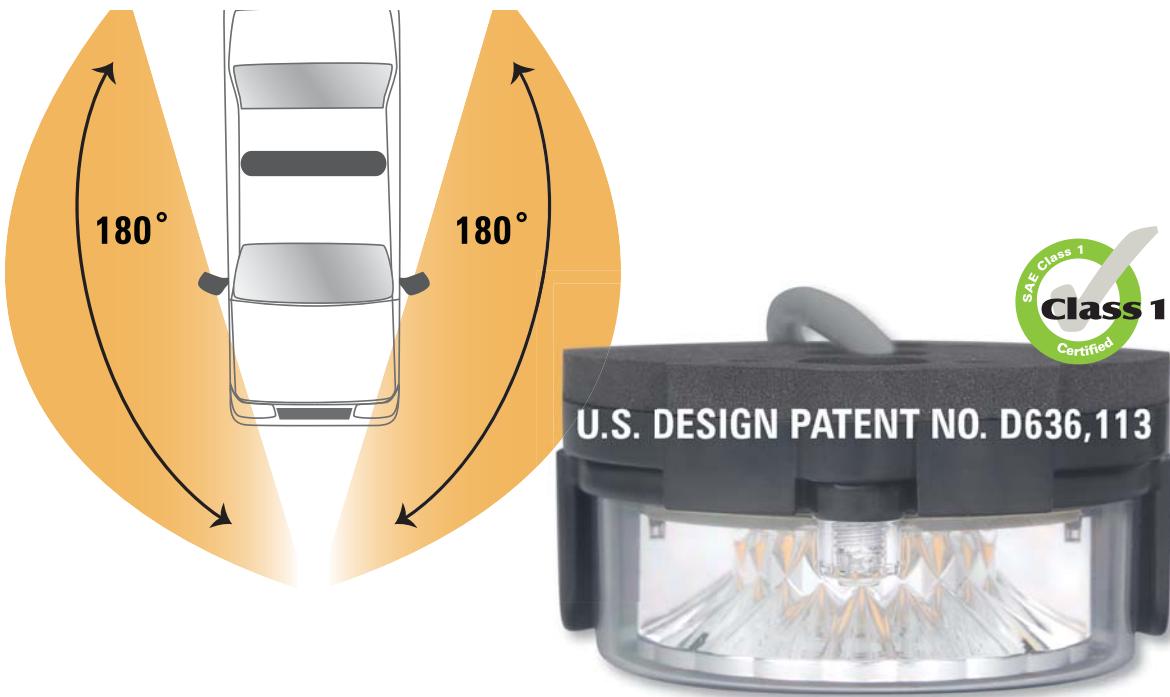
Tech Specs	Intersector™
Flash Patterns:	30 Flash Patterns
Light Sync:	Yes
Technology:	9 Gen3 LEDs
Mounting:	Under Mirror & Surface Mounts
Input Voltage:	10 - 16 Vdc
Current Draw:	less than 1.5 amps
Dimensions:	Width x Height x Depth 2.9" (74 mm) W x 1.9" (48 mm) H x 2.9" (74 mm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



# Surface Mounts - Intersector™ Under Mirror

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

**SoundOff**  
Signal

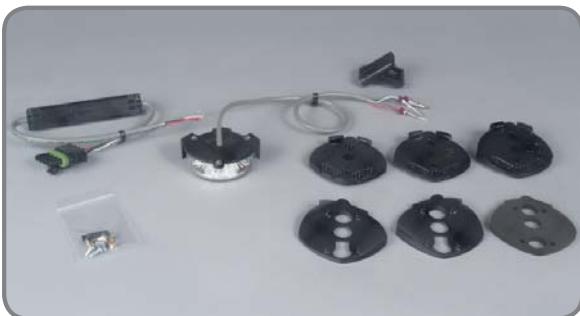


 **intersector™** by SoundOff Signal

## Single Light Kit, Standard Configuration\*

**#ENT2B3(x)**

\*Includes 1-light w/ in-line flasher, foam gasket, 2-curved surface adaptors, 3-wedges & screws for installation.



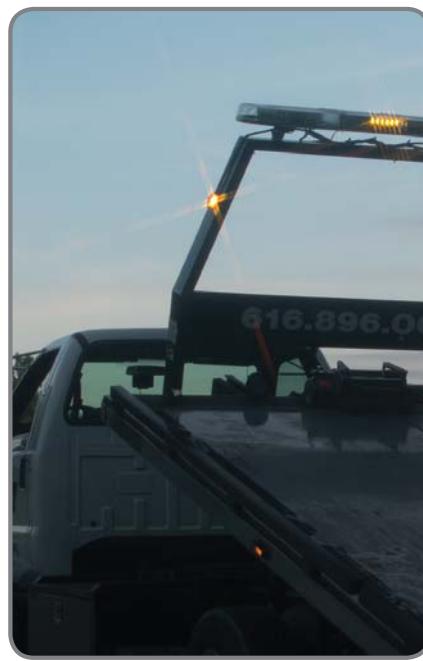
## Parts & Accessories

Intersector™ light (each): #PENT2BØ(x)

In-line Flasher (each): #PNT2FLA

Univ. Curved Surface Adaptors (pair): #PNT1CRVØ1

Wedges (set - 0°, 5° & 10°): #PNT1WDG



## COLORS Solid

(x) = **A B G R W**



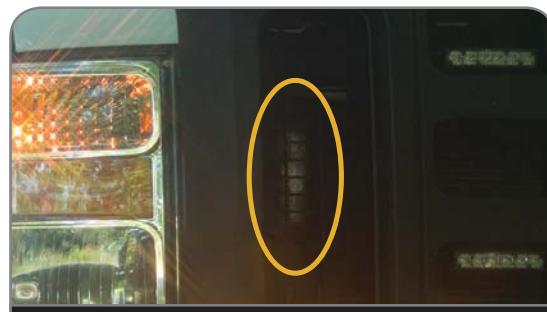
Bracket shown at lowest height

**10-16 Vdc #EL6GD(x)**  
**10-30 Vdc #EL6GD30(x)**

- Brilliant Gen3 LEDs packed into a small & aerodynamic shape** with adjustable bracket that can tilt the light head down 10 degrees or up 20 degrees to angle the output where you need it
- Value priced light stretches your budget dollars**
- Compact design** can be mounted just about anywhere
- Weatherproof design**
- Adjustable stainless steel bracket** allows a maximum height of 3.4" or a minimum height of 3"
- 30° of Light head adjustment to tilt up or down** to angle the light for maximum visibility
- Light Sync Technology to synchronize your lights**
- Black polycarbonate base**
- UV Resistant polycarbonate lens**
- Super efficient heat sink**
- Flash Pattern Recall** remembers last pattern used



XP 63 mounted interior from window of a Ford F-250 truck provide excellent front visibility.



XP 63 light mounted in the grille of a Ford F-250 truck (see below). GHOST™ lights also shown in the grille.



XP 63 light mounted in the grille of a Ford F-250 work truck (grille removed to show mount).

Tech Specs	XP 63™
Flash Patterns:	16 Flash Patterns
Light Sync:	Yes
Technology:	6 Gen3 LEDs
Mounting:	Surface Mount
Input Voltage:	10 - 16 or 10 - 30 Vdc
Current Draw:	less than 1 amp @ 12.8 Vdc (flash pattern dependent)
Dimensions:	Width x Depth: 5" (13 cm) W x 2.6" (66 mm) D Height: 3.1 " (79 mm) Min. / 3.4" (86 mm) Max.
Operating Temp.:	-40° to +65° C / -104° to +149° F



## COLORS

### Solid

(x) = A B G R W

### Dual/Split

A B D E F

G H J K L

M N P R W

# Surface Mount - XP 63™ & Recess Mount - GHOST™

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)



*Recess Mount* by SoundOff Signal

- **The original GHOST light now in a new recess mount** - light extends less than 1/4" (8 mm) from the body of the vehicle when installed
- **Die cast aluminum housing in your choice of Black, White or Chrome** - Black & White housings are powder coated while the Chrome housing has a high luster, nickel finish
- **Premium optics offer the most power & brightness** increasing safety for emergency workers & civilians alike
- **6 powerful Gen3 LEDs** offer maximum brightness, color consistency & reliability
- **Red Stop/Tail model is a low power, Steady-on Red Running Light.** Once brake is applied light flashes 5 times & remains on at full power while brake is activated
- **Moisture & vibration resistant** for heavy duty & exterior applications
- **Light Sync Technology to synchronize your lights**
- **Includes** Santoprene Rubber Mounting Gasket with 18" of 3-wire Shielded Cable for hard wire installation

Tech Specs	GHOST™ RM
Flash Patterns:	33 Flash Patterns
Light Sync:	Yes
Technology:	6 Gen3 LEDs
Mounting:	Recess Mount - light extends 0.3" (8 mm)
Input Voltage:	10 - 30 Vdc
Current Draw:	0.75 amps (flash pattern dependent)
Dimensions:	Width x Height x Depth 4.7" (14 cm) W x 1.6" (28 mm) H x 1" (46 mm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



NEW!



## Warning Light:

Black Housing: #EGHST5(x)B

Chrome Housing: #EGHST5(x)C

White Housing: #EGHST5(x)W

## Stop/Tail Light (A, B or R only)

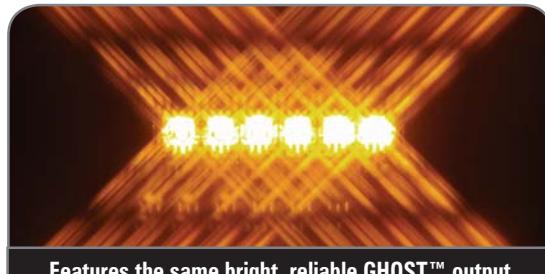
Black Housing: #EGHSTT5(x)B

Chrome Housing: #EGHSTT5(x)C

White Housing: #EGHSTT5(x)W



Light includes rubber grommet for mounting.



Features the same bright, reliable GHOST™ output & performance - no compromised output!

## COLORS Solid

(x) = A B G R W

## Dual/Split

A	B	D	E	F
G	H	J	K	L
M	N	P	R	W

# R4 Series 4" Round Warning Light (Gen3 or Gen2 LED)

- Powerful & bright Gen3 or Gen2 LED models available**
- Durable, UV resistant polycarbonate lenses** resist fading or yellowing
- Optional Chrome Dress Ring** (mounts over Rubber Grommet)

## R4 Series Gen3 Warning Light

- Clear Lens or Color Lenses in Amber, Blue or Red
- CA Title 13 Compliant
- Features 16 Flash Patterns with Flash Pattern Recall
- Light Sync Technology to synchronize with other lights
- Includes black Rubber Grommet with 18" of 3-wire shielded cable for hard wire installation



## R4 Series Gen2 Warning Light

- Clear Lens only
- Features 8 Flash Patterns
- Includes black Rubber Grommet, 3-wire lead with AMP Sure Seal Connector & Mating Harness



Tech Specs	R4 Series Gen3	R4 Series Gen2
<b>Flash Patterns:</b>	16 Flash Patterns	8 Flash Patterns
<b>Light Sync:</b>	Yes	No
<b>Technology:</b>	6 Gen3 LEDs	52 Gen2 LEDs
<b>Input Voltage:</b>	10 - 16 Vdc	
<b>Current Draw:</b>	1 amp @ 12.8 Vdc	0.35 to 0.5 amps @ 12.8 Vdc
<b>Dimensions:</b>	Diameter x Depth	
<b>Light</b>	4" (10 cm) Diam. x 1.25" (3 cm) D	
<b>Grommet</b>	5.2" (13 cm) Diam. x 1.25" (3 cm) D	
<b>Chrome Dress Ring</b>	5.75" (14 cm) Diam. x 0.44" (1 cm) D	
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F	

### R4 Series Gen3 Light w/ Grommet

Clear Lens: #ERDREBZ3(x)C  
Color Lens: #ERDREBZ3(xx)



### Parts & Accessories

Clear Lens Replacement: #PLEDZ3C

Chrome Dress Ring: #ECVR4CHRM

Rubber Grommet: #ECVR4GRMT-BK



### COLORS

#### Clear Lens

(x) = **A B G R W**

#### Color Lens

(x) = **AA BB RR**

### R4 Series Gen2 Light w/ Grommet

Clear Lens (only) #ERDREBZ(x)



### Parts & Accessories:

Chrome Dress Ring: #ECVR4CHRM

Rubber Grommet: #ECVR4GRMT-BK

### COLORS

#### Solid

(x) = **A B R**

Chrome Dress Ring

# Recess Mounts - 4" Round & 6" Oval Warning Lights

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

**SoundOff**  
Signal

## O6 Series 6" Oval Warning Light (Gen2 LED)



### O6 Series Gen2 Light w/ Grommet #EOVREBZ(x)

#### Parts & Accessories

Chrome Dress Ring:  
#ECVO6CHRM  
(mounts over Rubber Grommet)  
Rubber Grommet:  
#ECVO6GRMT-BK



- Best in Class Appearance**
- Collimating lens design** concentrates light into an intensified pattern of light - no dark spots or voids in light output
- Self-contained with 8 flash patterns** - no external flasher required
- Weatherproof design** is great for heavy duty exterior applications
- Optional Chromed Dress Ring available**
- Light includes** black Rubber Grommet, Mating Harness & AMP Sure Seal Connector with 3-wire lead



Intense & bright Gen2 LEDs power our O6 Series Warning Light. Amber LED light shown.



A complete line of 6" Oval lights available in Warning & Signal Lights with white Back Up lights available.

Tech Specs	O6 Series 6" Oval
<b>Flash Patterns:</b>	8 Flash Patterns
<b>Light Sync:</b>	No
<b>Technology:</b>	57 Gen2 LEDs
<b>Input Voltage:</b>	10 - 16 Vdc
<b>Current Draw:</b>	0.35 to 0.55 amps @ 12.8 Vdc
<b>Dimensions:</b>	Length x Height x Depth
<b>Light</b>	6.4" (16 cm) L x 2.2 (6 mm) H x 1.5" (4 mm) D
<b>Grommet</b>	7.4" (19 cm) L x 3.9" (10 mm) H x 1" D
<b>Chrome Dress Ring</b>	7.4" (19 cm) L x 3.9" (10 mm) H x 0.4" D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F



Optional Chromed Dress Ring available to complement other vehicle accessories (mating harness shown).



#### COLORS

Solid

(x) = A R

# GHOST™ LED Mini Warning Light

## • Features

- **GHOST™ - the original 6 LED Mini Light**
- **No flashback or compromised output** when mounted on the exterior of the vehicle
- **High powered, high bin, color consistent LEDs**
- **Weatherproof design with superior reliability** & performance regardless of weather conditions
- **Light Sync Technology to synchronize your lights**
- **Optional extreme duty Rock Bracket available**
- **Red Stop/Tail model is a low power, steady-on red running light** - once brake is applied light flashes 5 times & remains on at full power while brake is activated
- **10 - 30 volt operation**
- **Includes 18" of 3-wire shielded cable**

## **GHOST™ Multi-Mount (MM)**

- 3 Mounting options included: Permanent Mount - (screw mount), Adhesive Mount - Super Duty Automotive Grade 3M Tape holds the light securely in place without drilling holes & a Single or Dual Edge Bracket that slips onto the edge of the hood, grille or trunk edges without requiring drill holes into the body of the vehicle
- Single or Dual lights in Black or White housing colors

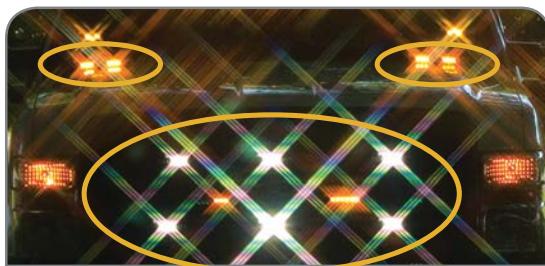
## **GHOST™ Rock Light**

- Anti-crush, super duty Rock Bracket for the most demanding applications & environments
- Bracket offers up to 30 degrees of light head adjustability to angle light just where you need it
- Single light with Black housing

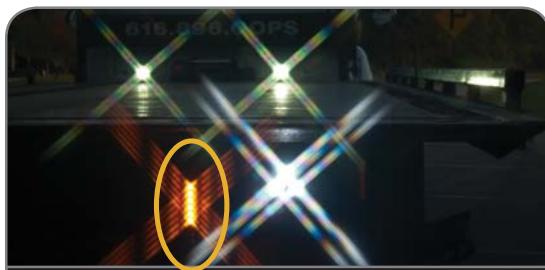
The Original  
6 LED Mini Light



**GHOST™ Mini Light** is a very narrow, compact yet powerful light. Light head is adjustable up to 30 degrees.



**GHOST™ Dual & Single lights** mounted to the hood & grille of a Give 'Em a Brake work truck are highly visible.



Amber GHOST™ mounted vertically under the tow bed on a wrecker/tow truck (LED work lights also shown).



Two Red LED GHOST™ MM lights mounted in the fog lamp housing of a volunteer fireman's Dodge Ram truck.

Tech Specs	GHOST™
<b>Flash Patterns:</b>	33 Flash Patterns
<b>Light Sync:</b>	Yes
<b>Technology:</b>	6 Gen3 LEDs
<b>Input Voltage:</b>	10 - 30 Vdc
<b>Current Draw:</b>	< 0.75 amps per module @ 12.8 Vdc
<b>Operating Temp.:</b>	-20° to +65° C / -68° to +149° F
<b>Dimensions:</b>	Length x Height x Depth MM: 4" (10 cm) L x 0.9" (23 mm) H x 1.8" (46 mm) D Rock: 4.8" (12 cm) L x 2" (51 mm) H x 1.6" (41 mm) D

## COLORS Solid

(x) = A B G R W

## Dual/Split

A B D E F  
(x) = G H J K L  
M N P R W

# Dash/Deck/Grille Lts. - GHOST™

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

**SoundOff**  
Signal



## GHOST™ Stop/Tail MM

Black Housing, single: #EGHSTTR  
White Housing, single: #EGHSTTRW

**Light includes 2 mounting options:  
Permanent & Adhesive Mount.**

**Permanent  
(Screw) Mount**



**3M Super Duty  
Adhesive Mount**



## GHOST™ MM

Black Housing, single: #EGHST1(x)  
Black Housing, dual: #EGHDT1(xx)  
White Housing, single: #EGHST1(x)W  
White Housing, dual: #EGHDT1(xx)W

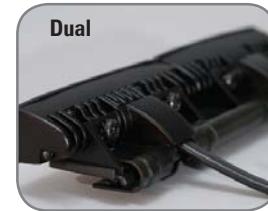
**Light includes 3 mounting options:  
Permanent, Edge Mount & 3M Adhesive Mount.**

**Single or Dual Edge Mount Brackets**

**Single**



**Dual**



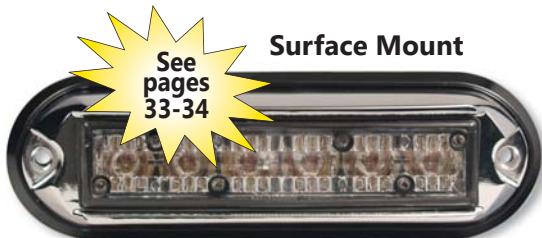
## GHOST™ Rock light

Warning: #EGHST3(x)  
Stop/Tail: #EGHSTT3R



### Parts & Accessories

Single Edge Bracket, Black: #PGHSTSUB  
Single Edge Bracket, White: #PGHSTSUW  
Dual Edge Bracket, Black: #PGHSTDUB  
Dual Edge Bracket, White: #PGHSTDUW  
Rock Bracket, Black: #PGHSTRLK



**Surface Mount**

See pages 33-34

**Recess Mount**



**NEW!**  
Page 40

**GHOST™ Spot Lights also available, see pages 69 - 70**

# Predator 2™ & Predator™

LED Warning Lights

## • Features

- **Sleek design & advanced optics**
- **Brackets allow 120° of light head adjustment** to angle the light where you need it
- **High powered, high bin, color consistent LEDs**
- **Vented rear heat sink is super efficient** at dispersing heat for a long-lasting, reliable light
- **UV stabilized polycarbonate lenses prevent discoloration**
- **Light Sync Technology to synchronize your lights** to alternate the flash patterns or flash simultaneously
- **Flash Pattern Recall** remembers last flash pattern used
- **Single & Dual models available**
- **Convenient side wire exit** for easier installation
- **Includes 18" of 3-wire shielded cable**
- **Predator 2™**
  - Wide, bright Extreme Angle output - our brightest light
  - 8 super bright Gen3 LEDs per module
  - Single model available as a "split" light with dual colors
  - 10 - 30 Vdc
- **Predator™**
  - 6 bright Gen3 LEDs per module
  - 5 solid & 15 split colors available (Dual light offered in split colors)
  - 10 - 16 Vdc



Powerful & bright signal provided when mounted to the headache rack (Dual Stacked Surface Mounts also shown).



Dash/Deck/Grille lights have integrated bracket with adjustable tilt lighthead - no extra brackets required.



Dual Predator 2™ lights mounted in the grille of a Ford Expedition SUV offer superior secondary lighting.



Two Predator 2™ Single Dash/Deck/Grille lights mounted to the rear headliner in an SUV.

Tech Specs	Predator 2™	Predator™
<b>Flash Patterns:</b>	33 Flash Patterns	
<b>Light Sync:</b>	Yes	
<b>Technology:</b>	Single: 8 Gen3 LEDs Dual: 16 Gen3 LEDs	Single: 6 Gen3 LEDs Dual: 12 Gen3 LEDs
<b>Mounting:</b>	Surface Mount on 2.77" (70 mm) centers	
<b>Input Voltage:</b>	10 - 30 Vdc	10 - 16 Vdc
<b>Current Draw:</b>	Single: 1.1 amps max. Dual: 2 amps max. (flash pattern dependent)	
<b>Dimensions:</b>	Length x Height x Depth Single: 4.3" (11 cm) L, Dual: 8.5" (22 mm) L x 2.4" (61 mm) H x 1.75" (44 mm) D	
<b>Operating Temp.:</b>	-20° to +65° C / -68° to +149° F	



## COLORS

### Solid

(x) = A B G R W

### Dual/Split

A B D E F

(x) = G H J K L

M N P R W

# Dash/Deck/Grille Lts. - Predator 2™ & Predator™

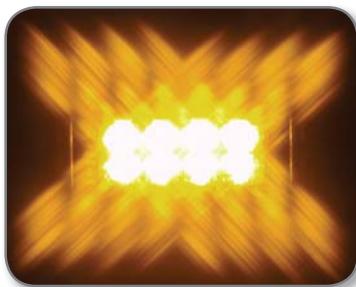
1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

**SoundOff**  
Signal



## Predator 2™

**Single Light, Solid Color:**  
#EP2SGS1(x)



**Single Light, Split Color:**  
#EP2SGS2(x)



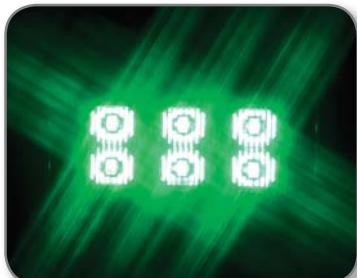
**Dual Light:**  
#EP2DGS1(x)



**PREDATOR™**  
by SoundOff Signal

## Predator™

**Single Light:**  
#EPRDSGS1(x)



**Dual Light:**  
#EPRDDGS1(x)

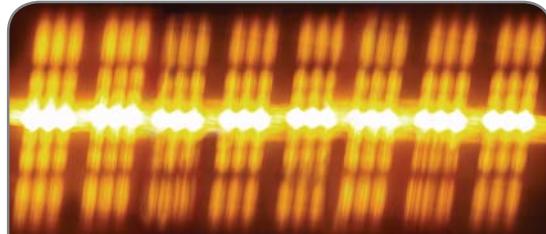


Surface Mounts also available, see pages 29 & 31  
Windshield Lights also available, see pages 49 - 50

# UltraLITE

Interior Windshield Warning Bar

- Upgrade to UltraLITE™ Windshield Bars & discover the hidden power of LED3 Mini Lights -** super bright 3-LED modules line these versatile warning bars for maximum output & impact (see page 21 for Interior bars without shrouds & page 22 Exterior bars for outside use)
- 4 Module bar available with Custom Color Configurations,** you choose the color of each module, see website for order form
- 2 Mounts available:** Suction Cup Mount (2 or 4 Module Lengths) with 10.5' cord & Cigar Plug or Permanent Headliner Mount (8 or 12 Module Lengths) with 14' cable for hard wire installation
- Offered in 10 Solid or Split Colors LED color combinations** for any market - great warning bars for volunteer vehicles, fire trucks, rescue vehicles & work trucks
- Single Warning Tips available on the 8 Module bar**
- 12 Module bar available with optional Single or Dual Warning Tips** in your choice of color
- Compatible with the DAS Switch,** see page 61



Powerful output! UltraLITE™ 8 Module bar in Amber LEDs shown illuminated.



Side of Suction Cup Mount light shown. Red Switch is the On/Off button. 8 & 12 Module lengths are hard wired.



Universal shroud mounts flush against windshield to reduce flashback. 4 Module Shroud, #PUL3WSS shown.

## Parts & Accessories

Universal L-Bracket, 1 hole: #PUL3DGM01

Universal L-Bracket, 2 hole: #PUL3DGM02

Universal L-Bracket, 3 hole: #PUL3DGM03

Universal L-Bracket, 7 hole: #PUL3DGM

Truck Bracket, Durango: #PUL3M05

Truck Bracket, Tahoe: #PUL3M02

End Cap: #PUL3EC

Shroud, 2 Module: #PUL3WS2

Shroud, 4 Module: #PUL3WSS

Spacer: #PUL3ES

Suction Cup Mount: #PUL3WSM

Tech Specs	UltraLITE™
<b>Flash Patterns:</b>	2 Module: 33 Flash Patterns 4 Module: 21 Flash Patterns 8 or 12 Module: Solid Color - 20 Arrow & 12 Warning Split Color - 19 Warning
<b>Light Sync:</b>	No
<b>Technology:</b>	Gen3 LEDs 2 Module: 6 / 4 Module: 12 / 8 Module: 24 12 Module: 36
<b>Mounting:</b>	Suction Cup or Permanent Headliner Mount
<b>Input Voltage:</b>	10 - 16 Vdc
<b>Current Draw:</b>	< 1 amp for every 2 modules (2 Mod. < 1, 4 Mod. < 2 amps, etc.) Flash Pattern Dependent
<b>Dimensions:</b>	Length x Height x Depth 2 Module: 7" (18 cm) L 4 Module: 13.25" (34 cm) L 8 Module: 26" (66 cm) L 12 Module: 38.75" (98 cm) L x 1.5" (38 mm) H x 3.6" (91 mm) D
<b>Operating Temp.:</b>	-40° to +60° C / -104° to +140° F





Interior Windshield Warning Bar

## Suction Cup Mount

**2 Module:** #EL3H02AØ+(x)

**4 Module:** #EL3H04AØ+(x)

Bars include Shroud, Suction Cup Mount, 12 volt Cigar Plug w/ 11.5' of cord & a pair Universal Brackets for optional permanent headliner mount.

See opposite page for Parts & Accessories.



**Suction Cup Mount**



**2 Module Light**



**4 Module Light**



**Cigar Plug**

## Permanent Headliner Mount

**8 Module:**

#EL3Z08AØØ(x)

**12 Module:**

#EL3Z12AØØ(x)

Bars include Shrouds (1 shroud per 4 module length), a pair of Universal Permanent Headliner Mount Brackets with 14' of shielded cable for hard wire installation.

See opposite page for Parts & Accessories.



**Permanent Mount**



**8 Module Light**



**12 Module Light**

*UltraLITE Interior or Exterior Directional/Warning Bars, see pages 21 - 22*

*Pinnacle™ Interior Lightbars, see page 16*

# Predator™ 2 & Predator™ LED Windshield Lights

## • Features

- **Lights have a narrow, low profile** which can be mounted above or below the rear view mirror or installed in rear windows
- **Customizable shroud is pre-scored** so you can easily cut it to fit your windshield angle to reduce flashback
- **Single or Dual Light options**
- **Smooth, clear Lexan polycarbonate lens** is engineered for maximum light output with UV resistant properties to prevent fading or yellowing
- **CA Title 13 compliant models** available (see web or price guide for part numbers & pricing)
- **Two versatile mounting options:** Permanent Headliner Mount or Suction Cup Mount
- **Includes** Universal Shroud & 12v DC Plug with 11.5' cord length

## Predator 2™

- Wide, bright Extreme Angle output - our brightest light
- 8 super bright Gen3 LEDs per module
- 10 - 30 Vdc

## Predator™

- Lower LED count for a lower priced light
- 6 bright Gen3 LEDs per module
- 10 - 16 Vdc



Dual Light with Permanent Headliner Mount  
mounted above the rear view mirror in the windshield.



Dual Predator Lights mounted to the rear headliner in the back window of a Ford Explorer.

## COLORS

### Solid

(x) = **A B G R W**

### Dual/Split

<b>A</b>	<b>B</b>	<b>D</b>	<b>E</b>	<b>F</b>
<b>G</b>	<b>H</b>	<b>J</b>	<b>K</b>	<b>L</b>
<b>M</b>	<b>N</b>	<b>P</b>	<b>R</b>	<b>W</b>

(x) =

Tech Specs	Predator 2™	Predator™
<b>Flash Patterns:</b>	33	
<b>Light Sync:</b>	No	
<b>Technology:</b>	Single: 8 Gen3 LEDs Dual: 16 Gen3 LEDs	Single: 6 Gen3 LEDs Dual: 12 Gen3 LEDs
<b>Mounting:</b>	Surface Mount on 2.77" (70 mm) centers	
<b>Input Voltage:</b>	10 - 30 Vdc	10 - 16 Vdc
<b>Current Draw:</b>	Single: 1.1 amps max. Dual: 2 amps max. (flash pattern dependent)	
<b>Dimensions:</b>	Length x Height x Depth Single: 3.8" (10 cm) L, Dual: 7.3" (19 mm) L, x 1.9" (48 mm) H x 6.9" (18 cm) D	
<b>Operating Temp.:</b>	-20° to +65° C / -68° to +149° F	

## Parts & Accessories

Suction Cup Mount (only): #PPRDWBRKT

Shroud, Single: #PPRDWSSWS

Shroud, Dual: #PPRDWSDWS



# Windshield Lights - Predator 2™ & Predator™

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

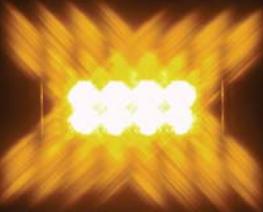
**SoundOff**



10-30  
volt



**Single Amber Light**



**Dual Suction Cup Mount**



## Predator 2™

### **Single Light:**

- #EP2SWSA+(x) Permanent Mount
- #EP2SWS+(x) Suction Cup Mount

### **Dual Light:**

- #EP2DWSA+(x) Permanent Mount
- #EP2DWS+(x) Suction Cup Mount



Available with CA Title 13 Compliant Flash Patterns,  
See Web or Price Guide for Part Numbers.

# PREDATOR™

by SoundOff Signal



10-16  
volt

**Single Red Light**



**Single Suction Cup Mount**



## Predator™

### **Single Light:**

- #EPRDSWSA+(x) Permanent Mount
- #EPRDSWS+(x) Suction Cup Mount

### **Dual Light:**

- #EPRDDWSA+(x) Permanent Mount
- #EPRDDWS+(x) Suction Cup Mount



Surface Mounts also available, see pages 29 & 31  
Dash/Deck/Grille Lights also available, see pages 45 - 46

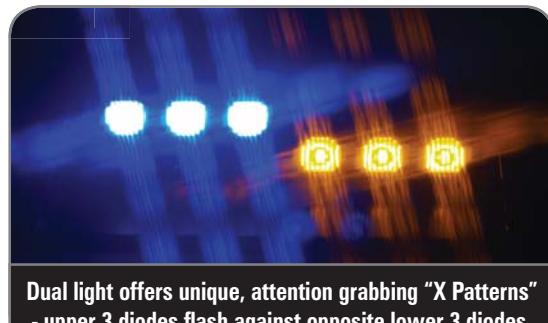


# PILOT

LED Windshield Lights

**Single Light:** #EPLTSWS+(x)**Dual Light:** #EPLTDWS+(x)

- Our Pilot™ Windshield lights are low cost, high power windshield lights designed for volunteer, security & first responders
- Powerful & bright Gen3 LEDs
- "Split" Single light flashes 4 diodes at a time on each side of the light in a variety of eye-catching patterns
- Dual light has unique "x-patterns" which flash the upper 3 diodes of one quadrant against lower 3 diodes of the opposite quadrant, rotating through an "x-pattern" sequence
- Adjustable height & tilt allows for a tight fit against any windshield
- Conveniently located rear switch allows easy On/Off & pattern switching
- Flash Pattern Recall remembers last flash pattern used
- Made with a durable aluminum housing
- Durable UV resistant polycarbonate lens & end caps
- Includes suction cup mount, shroud & 12 volt DC plug with 11.5' cord length



**Dual light offers unique, attention grabbing "X Patterns"**  
- upper 3 diodes flash against opposite lower 3 diodes.



Lights include Suction Cup Mount with adjustable brackets & 11.5' cord with 12v cigar plug (single shown)



Light has convenient, quick access rear switch for Flash Pattern change & powering on or off.

Tech Specs	Pilot™
Flash Patterns:	16
Light Sync:	No
Technology:	Single: 8 Gen3 LEDs Dual: 12 Gen3 LEDs
Mounting:	Suction Cup Mount
Input Voltage:	10 - 16 Vdc
Current Draw:	Single: 0.6 amps Dual: 1 amp
Dimensions:	Length x Height x Depth Single: 4.2" (11 cm) L, Dual: 7.2" (18 cm) x 2.2" (56 mm) H x 5.2" (13 cm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



## COLORS

### Solid

(x) = **A B G R W**

### Dual/Split

<b>A</b>	<b>B</b>	<b>D</b>	<b>E</b>	<b>F</b>
<b>G</b>	<b>H</b>	<b>J</b>	<b>K</b>	<b>L</b>
<b>M</b>	<b>N</b>	<b>P</b>	<b>R</b>	<b>W</b>

(x) = **G H J K L**

**M N P R W**

# Windshield Pilot™ & Visor Lights

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

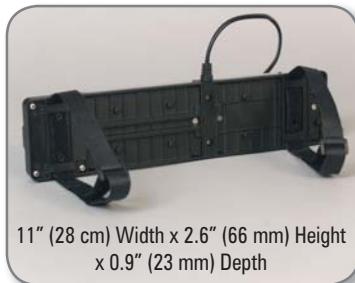
## Premium Gen3 LED Visor Light

#ELV3BVS+(x)

11" L x 2.6" W x 0.9" D



- **Ideal for undercover vehicles**
- **Smaller & more powerful** with 8 Gen3 LEDs per module
- **16 attention grabbing Flash Patterns**
- **Flash Pattern Recall** remembers last flash pattern used
- **Easy to install** - simply wrap Velcro strap light around visor & plug into 12 vdc outlet (11.5' cord length)



### COLORS

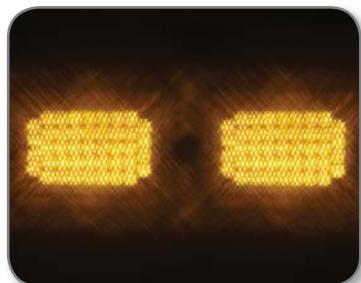
**Solid**

(x) = **A** **B** **R**

**Dual/Split**

(x) = **D** **J**

11" (28 cm) Width x 2.6" (66 mm) Height x 0.9" (23 mm) Depth



12.4" (31 cm) Width x 3.8" (97 mm) Height x 1" (25 mm) Depth



## Economy Gen2 LED Visor Light

#ETVL1CLD(x)

12.4" L x 4" W x 1.2" D



- **Ideal for undercover vehicles**
- **Lightweight, low cost design**
- **16 attention grabbing Flash Patterns**
- **43 Gen2 LEDs per side** for bright, reliable output
- **Flash Pattern Recall** remembers last flash pattern used
- **Easy to install** - simply wrap Velcro strap light around visor & plug into 12 vdc outlet (11.5' cord length)

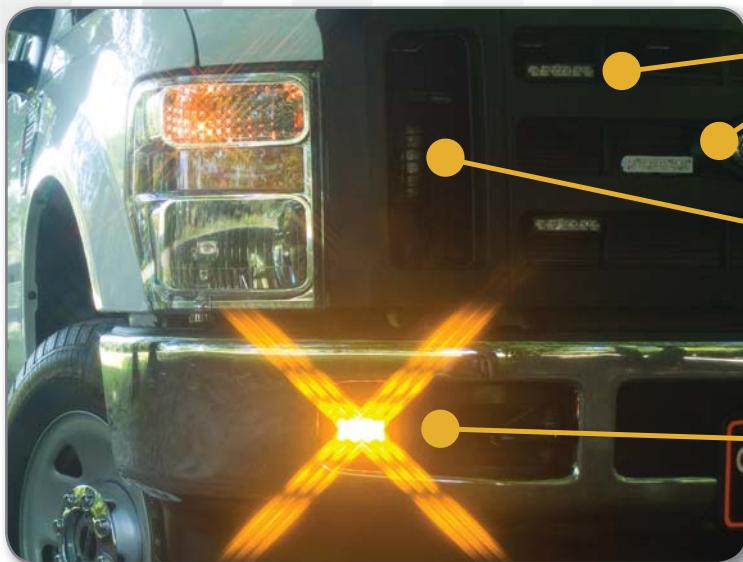


### COLORS

**Solid**

(x) = **A** **B** **R**

**SoundOff**



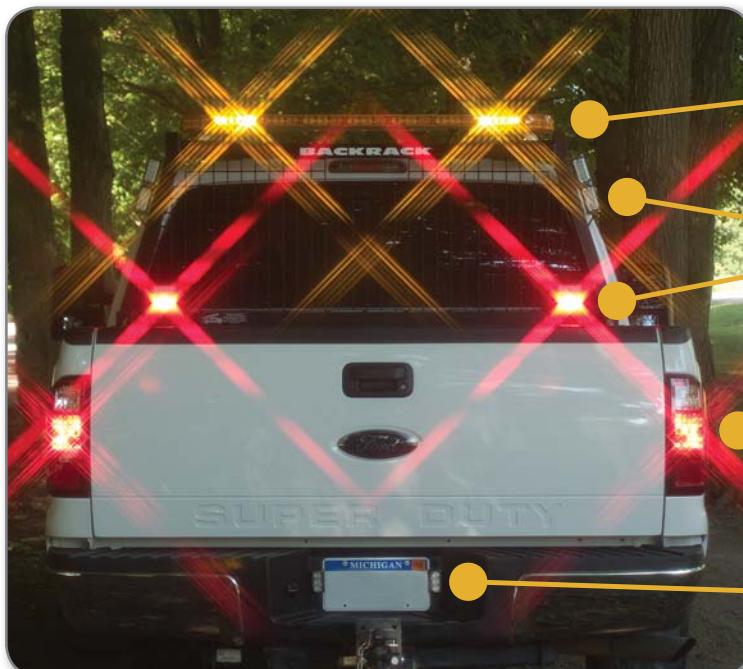
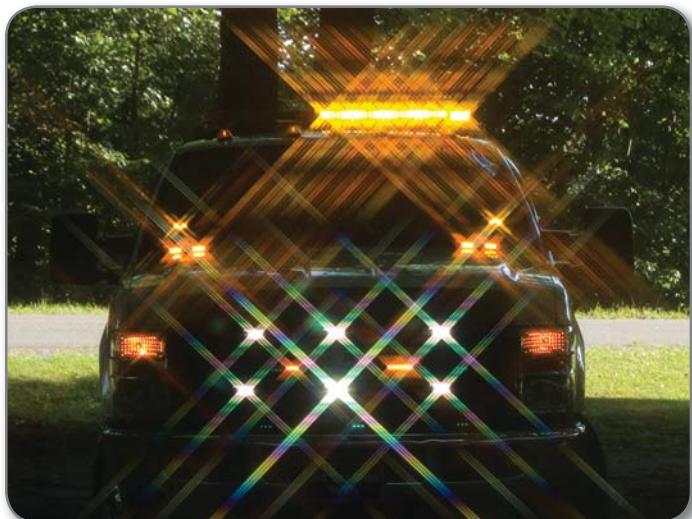
**GHOST™**  
*Warning Lights* by SoundOff Signal



**LED 3**  
**MINI LIGHT**

SoundOff Signal offers a complete line of LED Amber & Signal products. Please visit our website at [www.soundoffsignal.com](http://www.soundoffsignal.com) to see all our safety products.

Pictured at right: Pinnacle™ LED Lightbar, XP 63™ Lights (in windshield), GHOST™ Dual Edge Mount lights (on hood), GHOST™ Single Permanent Mounts (in grille) & Universal UnderCover™ in the head lights.



**PINNACLE™**  
Lightbar

**PREDATOR II**  
EXPLOSIVE POWER. EXTREME ANGLE.

**UNIVERSAL**  
**UNDERCOVER**  
by SoundOff Signal

**LED 3**  
**MINI LIGHT**

## Dome Lights Universal LED

- LED Dome Lights offer a low amp draw, superior efficiency & hours of long-lasting reliability**
- Great lights for drivers working night shifts** - Red LED Night Light is gentle on the eyes reducing eye fatigue

### "New" Universal Dome Light

- Slimmer dome with an overall depth (height) of 0.9"
- Surface Mount installation - no cutouts in headliner required
- One dome color: Opaque only
- Red LED Night Light reduces eye fatigue
- On/Off switch located on the outer lens

### "Original" Universal Dome Light

- Brighter light with a greater number of LEDs
- Larger dome with an overall depth (height) of 1.5"
- Surface Mount installation - no cutouts in headliner required
- Two dome colors: Opaque or Clear
- Red LED Night Light reduces eye fatigue
- On/Off switch located on the side of the lens

Tech Specs	New Design	Original Design
<b>Technology:</b>	1 White Gen3 LED 8 Red Gen2 LEDs	21 White Gen2 LEDs 12 Red Gen2 LEDs
<b>Input Voltage:</b>	10 - 16 Vdc	
<b>Current Draw:</b>	less than 0.2 amps	112-180 mA
<b>Dimensions:</b>	Diameter x Depth 5.9" (15 cm) Diam. x 0.9" (23 mm) D	Diameter x Depth 6.2" (16 cm) Diam. x 1.5" (38 mm) D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F	

**Reduce eye fatigue with  
Red LED Night Light Dome Lights**



### LED Universal Dome Light "New" Design

#ECVDMLTAL00  
Opaque Dome w/ Red Night Light

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

### LED Universal Dome Light "Original" Design

#ECVDMLT00 Opaque Dome, #ECVDMLT2AL00 Clear Dome



## Interior DOME LIGHTS

7" x 3.25": #ECVDMLTST2  
6" x 3": #ECVDMLTST4



## LED STRIP LIGHT

10-16 Vdc: #ECVCSMLEDF  
10-30 Vdc: #ECVCSMLEDF-24  
with Blue LEDs: #ECVCSMLEDF-B



### **#ECVDMLTST2 - Universal Dome Light, Gen3 LED**

- Exclusive lens design disperses the maximum amount of light
- Easy on the electrical system - draws less than 0.65 amps
- Great for interior light for overhead lighting on passenger buses
- Durable polycarbonate lens & base is a simple surface mount
- Includes 2-wire lead w/ a 5" length & mounting screws for installation

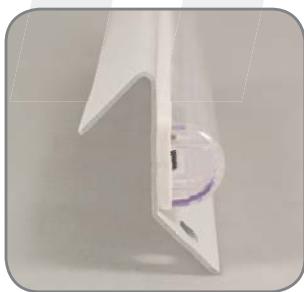
### **#ECVDMLTST4 - Universal Dome Light, Gen2 LED**

- Smaller size with a lower price is budget friendly
- Easy on the electrical system - draws less than 0.3 amps
- Easy surface mount with a simple 2-wire electrical connection required
- Great interior light for overhead lighting on passenger buses
- Includes 2-wire lead w/ a 5" length & mounting screws for installation

### **#ECVCSMLEDF - LED Strip Lights, Gen3 LED**

- Optional 10-30 volt light
- Available in Blue LEDs for transit buses for better night vision
- Simple two wire electrical connection is easy to install
- Easy on the electrical system - draws just 0.4 amps
- Light has a white steel base with a scratch resistant polycarbonate lens
- Specially engineered Fresnel lens to boost light output & brightness
- Made with Gen3 LEDs for a long-lasting light with no bulbs to change
- Includes 2-wire lead w/ a 18" length

# Interior Lighting - Dome & Strip Lights



## LED 90° CORNER MOUNT

STRIP LIGHT, 10 - 16 VDC

10" Length: #ECVCSLLED10

21" Length: #ECVCSLLED21

32" Length: #ECVCSLLED32

43" Length: #ECVCSLLED43

## LED 90° CORNER MOUNT

STRIP LIGHT, 10-30 VDC

10" Length: #ECVCSLLED10-30

21" Length: #ECVCSLLED21-30

32" Length: #ECVCSLLED32-30

43" Length: #ECVCSLLED43-30

## LED FLUSH MOUNT

STRIP LIGHT, 10 - 16 VDC

12" Length: #ECVCLLED12

24" Length: #ECVCLLED24

36" Length: #ECVCLLED36

42" Length: #ECVCLLED42



### **#ECVCSLLED(xx) - LED 90° Corner Mount Strip Light, Gen3 LED**

- Streamlined, low amp draw LED lighting
- Easy on the electrical system - draws just 0.4 amps per 12" length
- Housing design allows for clean wire management behind the light
- Easy installation - make a simple 2-wire electrical connection
- Glossy white powder coated Aluminum housing with a polycarbonate lens
- 10- 30 volt models available
- Includes 2-wire lead w/ a 18" length

### **#ECVCLLED(xx) - LED Flush Mount Strip Light, Gen3 LED**

- Recessed, flush mount brightly illuminates dark spaces
- Easy on the electrical system - draws just 0.4 amps per 12" length
- Specially engineered lens optic directs light away from viewer's eye while illuminating interior spaces
- Field serviceable - easy access to individual modules
- Glossy white powder coated Aluminum housing with a polycarbonate lens
- Includes 2-wire lead w/ a 18" length & end/trim caps

**4500** SERIES LED

#ELB(xx)B(x)(xx)(xx)

C	M	H	C
L	O	E	O
A	S	N	R
S	T	G	T

**CLASS**45=Class 1  
42=Class 2**MOUNT**C=Flat/Pipe  
M=Magnetic**HEIGHT**Magnetic Mount:  
L+=Low, 4" dome  
H+=High, 6" dome  
Flat/Pipe:  
L0=Low, 4" dome  
H0=High, 6" dome**COLOR**

LED COLOR / DOME COLOR

- A** AA=Amber/Amber
- A** AC =Amber/Clear
- W** WA=White/Amber
- B** BB=Blue/Blue
- G** GG=Green/Green
- R** RR=Red/Red
- W** WC=White/Clear
- J** Red/Blue Split  
(J in low dome only)

**4500** LED ECE65 CERTIFIED

6" Dome - Magnetic Mount

#ELB48BMH+AA Amber

#ELB48BMH+BB Blue

6" Dome - Flat/Pipe Mount

#ELB48BCHØAA Amber

#ELB48BCHØBB Blue



Tech Specs	4500 LED
<b>Input Voltage:</b>	10 - 30 Vdc
<b>Current Draw:</b>	1 amp @ 12 Vdc 0.5 amps @ 24 Vdc
<b>Output:</b>	Amber, Blue, Green, White: 9 watts Red: 6 watts
<b>Technology:</b>	12 Gen3 LEDs
<b>Flash Patterns:</b>	8 Flash Patterns
<b>Mounting:</b>	Permanent or Magnetic Mount
<b>Dimensions:</b>	4" Dome w/ base: 5" (12 cm) H 6" Dome w/ base: 6.8" (17 cm) H 6.3" (16 cm) Base Diameter

**Features**

- Magnetic or Permanent Mount (5000 not available in Magnetic Mount)
- Two Dome Heights - 4" & 6"
- May be pipe mounted
- Lens with UV inhibitor prevents sun fade
- Optional Branch Guard & Dust Cover (for CA Title 13 compliancy for 3000, 4000 or 4500)

**4500 Series LED**

- 1300 Lumen LED output
- Rated to last 20,000+ hours
- Heavy duty cast aluminum base
- Same footprint as our 3000 & 4000 for easy upgrade option
- 5 Year Warranty
- SAE J845 Class 1 & Class 2 certified

**3000 Series Strobe**

- 10 or 20 watt Strobe models available
- May be ordered as Remote or Self-contained units
- Rugged polycarbonate base
- Advanced circuitry designed tolerate high vibration applications
- 2 Year Warranty (strobe tube 1 year)
- SAE J845 Class 2 certified

**4000 Series Strobe**

- 20 watt Strobe model available
- Heavy duty cast aluminum base
- Advanced circuitry designed tolerate high vibration applications
- 2 Year Warranty (strobe tube 1 year)
- SAE J845 Class 2 certified

**5000 Series Strobe**

- 15 watt Strobe model available
- Permanent mount only
- Heavy duty cast aluminum base
- Advanced circuitry designed tolerate high vibration applications
- 1 Year Warranty
- SAE J845 Class 2 certified

# Beacons - LED & Strobe, 4", 5" & 6" Dome Heights

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)



## 3000 SERIES STROBE

#3(xx)(x)(x)(x)(x)

W	F	H	M	C
A	L	E	O	OL
T	A	I	U	L
T	S	G	N	OR
S	H	H	T	R

### WATTS

3000: 00=Remote,  
10=10 watt, 20=20 watt  
(4000 is 20 watt)

### FLASH

3000: 0=Remote,  
7=Double & Quad  
(4000 has Double & Quad)

## 4000 SERIES STROBE

#4227(x)(x)(x)

H	M	C
E	O	OL
I	U	L
G	N	OR
H	T	R

### HEIGHT

L=Low, 4" dome  
H=High, 6" dome

### MOUNT

C=Flat/Pipe  
M=Magnetic

### COLOR

- A** Amber Lens
- B** Blue Lens
- C** Clear Lens (white)
- G** Green Lens
- R** Red Lens
- J** Red/Blue Split  
(J in low dome only)



## 3000 195 LB. PULL MAGNETIC MOUNT

6" Dome #3207HM(x)-195    4" Dome #3207LM(x)-195

(x)=A, B or R for Amber, Blue or Red

Tech Specs	3000 Strobe	4000 Strobe
<b>Input Voltage:</b>	10 - 30 Vdc	
<b>Current Draw:</b>	10 watt: 1 amp @ 12 Vdc, 0.5 amp @ 24 Vdc 20 watt: 2 amps @ 12 Vdc, 1 amp @ 24 Vdc	20 watt: 2 amps @ 12.8 Vdc, 1 amp @ 24 Vdc
<b>Output:</b>	10 or 20 watt	20 watt
<b>Technology:</b>	Xenon Helix Strobe Tube	
<b>Flash Patterns:</b>	2 Flash Patterns - Double or Quad (user selectable)	
<b>Mounting:</b>	Permanent or Magnetic Mount (polycarbonate lens & base)	Permanent or Magnetic Mount (polycarbonate lens & aluminum base)
<b>Dimensions:</b>	4" Dome w/ base: 4.75" (12 cm) H 6" Dome w/ base: 6.7" (17 cm) H x 6.3" (16 cm) Base Diameter	

### 6" BRANCH GUARD

#E360BG6



### 6" DUST COVER

#E360DC6



## Beacon ACCESSORIES

### 3000, 4000 & 4500 models\*

4" Metal Branch Guard #E360BG4

6" Metal Branch Guard #E360BG6

Clear Dust Cover #E360DC6

\*Not for use with 5000 Series Beacon.

Tech Specs	5000 Strobe
<b>Input Voltage:</b>	10 - 30 Vdc
<b>Current Draw:</b>	1.5 amp @ 12 Vdc 0.75 amp @ 24 Vdc
<b>Output:</b>	15 watts
<b>Technology:</b>	Xenon "U" Strobe Tube
<b>Flash Patterns:</b>	2 User Selectable Flash Patterns: Double & Quad
<b>Mounting:</b>	Permanent Mount only
<b>Dimensions:</b>	5.6" (14 cm) Height x 6.9" (18 cm) Diameter

## 5000 SERIES STROBE

Amber Dome #5157LFC  
Clear Dome #5157LFA



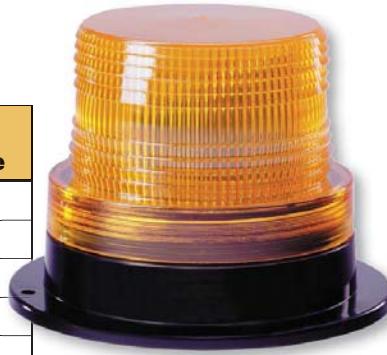
# Mini Beacons

LED & Strobe

## 2000 SERIES STROBE MINI

**A** Amber Lens #2051FA

Tech Specs	2000 Series Mini Strobe
<b>Input Voltage:</b>	10 - 72 Vdc
<b>Current Draw:</b>	0.3 amps @ 12 Vdc
<b>Output:</b>	Approximately 3 amps
<b>Technology:</b>	Linear Strobe Tube
<b>Flash Patterns:</b>	1 Flash Pattern @ 60 - 80 f.p.m.
<b>Mounting:</b>	Permanent or Magnetic Mount
<b>Dimensions:</b>	3.6" (9 cm) H 5.1" (13 cm) Base Diameter



### Features

- Compact sized beacons are perfect for smaller equipment like fork lifts & bobcats
- Strobe or LED models available (LED available in 1500 Series only)
- Superior input voltage range allows use in multiple applications
- Polycarbonate lenses with UV inhibitor prevents sun fade
- Molded durable polycarbonate base will not rust & resists cracking
- Self contained, potted power supplies are protected from moisture & vibration

#### **2000 Series Strobe**

- Permanent Mount only
- 10 - 72 Vdc
- Linear Strobe Tube technology
- 1 Year Warranty

#### **1000 Series Strobe**

- Permanent Mount only
- 12 - 72 Vdc
- Linear Strobe Tube technology
- 1 Year Warranty

#### **1500 Series LED**

- Permanent Mount only
- 10 - 80 Vdc
- Gen1 LED Technology
- 2 Year Warranty
- UL safety tested
- CE Mark for European markets - product conforms to legal requirements with respect to safety, health, environment & consumer protection

## Mini Beacons

LED & Strobe



### 1500 SERIES LED MINI

**A** Amber Lens #ELB15BC0AA

Tech Specs	1500 Series Mini LED
<b>Input Voltage:</b>	10 - 80 Vdc
<b>Current Draw:</b>	250mA @ 12 Vdc or 40mA @ 80 Vdc
<b>Output:</b>	3 amps maximum
<b>Technology:</b>	6 Gen1 LEDs
<b>Flash Patterns:</b>	1 Flash Pattern @ 60 f.p.m.
<b>Mounting:</b>	Permanent Mount
<b>Dimensions:</b>	5.2" (13 cm) H 3.8" (10 cm) Base Diameter



### 1000 SERIES STROBE MINI

**A** Amber Lens #1051FA

Tech Specs	1000 Series Mini Strobe
<b>Input Voltage:</b>	12 - 72 Vdc
<b>Current Draw:</b>	0.3 amps @ 12 Vdc
<b>Output:</b>	Approximately 3 amps
<b>Technology:</b>	Linear Strobe Tube
<b>Flash Patterns:</b>	1 Flash Pattern @ 60 - 80 f.p.m.
<b>Mounting:</b>	Permanent Mount
<b>Dimensions:</b>	5.2" (13 cm) H 3.8" (10 cm) Base Diameter



## Directional Arrow Switch (DAS)

**#ETSWDAS01**

- Features 7 programmable Warning Modes with a fully illuminated display to show pattern activated & input selected
- Control multiple directional arrow products with 6-low current (0.25 amps) + 10-30 Vdc outputs
- Durable ABS plastic housing with an adjustable steel bracket
- Built-in Smart Sensor detects inputs from another switching source so it may be used with other manufacturers Directional Arrow products
- Includes Harness with 12" (31 cm) wire length
- For use with LED lights ONLY
- Compatible with APEX™, Pinnacle™ (EPL9000), ETL5000™ full sized LED lightbars, Pinnacle™ (EPL8000) LED interior bars & UltraLITE™ LED directional/warning bars



6.5" (17 cm) W x 3.5" (89 mm) H x 1.2" (30 mm) D

## 900 Series - 9 Function Switch

**#ETSP9F**

- 9 functions: 3-position slide switch with 6 mini rocker switches
- Slide switch features 20 amps/output with LED indicator ON lights
- 4-20 amp fused switch outputs
- Made with a durable vinyl coated steel housing with backlit labels
- Interchangeable switch labels for switch identification: Rotating, Flashing, Rear Flashing, Front Flashing, Aux. 1, Aux. 2, Light Bar, Take Down, Left Alley, Right Alley, Deck Lts., Dash Lts., Grille Lts., & Gun Lock
- Includes Switch box with Universal Bracket, mounting hardware, switch labels & 18" pigtail w/ insulated quick connects for termination



6.2" (16 cm) W x 2.2" (56 mm) H x 5.2" (13 cm) D

## 600 Series - 6 Function Switch

**#ETSP6F**

- 6 mini rocker switches with red LED indicator ON lights
- Features a single 40 amp relay/circuit breaker with 5 - 20 amp fused switch outputs
- Durable ABS plastic housing with backlit labels
- Interchangeable legend labels for switch identification: Rotating, Flashing, Aux. 1, Take Down, Left Alley, Right Alley, Strobe, Compartment. Lts., Work Lts., Grille & Deck Lts., Rear Lts. & Front Lt. Cut-Off
- Includes Switch box w/ Universal Bracket, mounting hardware, switch labels & 18" pigtail w/ insulated quick connects for termination



6.2" (16 cm) W x 2.2" (56 mm) H x 5.2" (13 cm) D

# Switches - Professional Use

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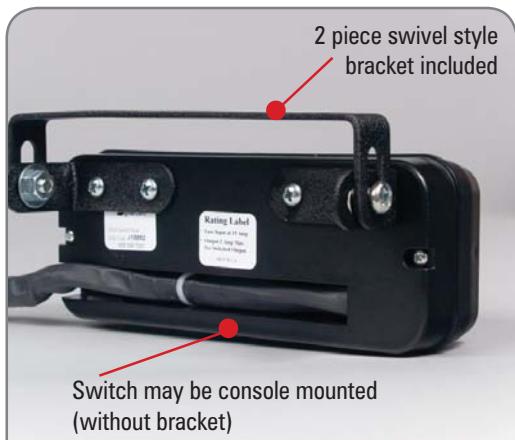


## IntelliSwitch993

**Digital Switch  
w/ Power Pursuit Buttons:  
#ETSP993**

2 Hidden Membrane Switches  
behind the logo

3 Power Pursuit Buttons can control any  
combination of the switches below



Switch may be console mounted  
(without bracket)

**Swivel Bracket included. Can also be console  
mounted by removing bracket (back of 993 shown).**



**Kit includes Switch Panel, Button Legends w/  
60 titles & swivel style mounting bracket.**

## IntelliSwitch990

**60 Amp Digital Switch:  
#ETSP990**



- INTELLISWITCH models offer high speed action, low current draw & increased reliability with efficient digital technology.** Both models feature Ryno-Tuf push buttons, 60 title legend sheets & optional bracket with mounting hardware. Switches can be console mounted if desired

- Compact, slim design with self performing diagnostics** at power-up to ensure optimum performance.

- Both switches feature LED backlighting**

- INTELLISWITCH993 model offers 11 programmable buttons:** 9 total Ryno-Tuf push buttons (3 Power Pursuit buttons) with 2 hidden "discreet" membrane buttons located behind the SoundOff logo. You can configure the Power Pursuit buttons to operate any combination of the 6 remaining push buttons automatically, eliminating hours of tedious wiring. The 2 hidden membrane switches can be programmed for discreet functions of your choice such as timed gun lock

- INTELLISWITCH990 model offers 6 Ryno-Tuf durable push buttons** that are fully programmable with 60 amps maximum output. One push button can be set as an 8 second timed momentary if needed

Tech Specs	INTELLISWITCH™ 990 & 993
<b>Mounting:</b>	2-pc. swivel style bracket included or can be console mounted
<b>Input Voltage:</b>	12 Vdc
<b>Current Draw:</b>	#ETSP990 - 60 amps max #ETSP993 - 12 amps max
<b>Dimensions:</b>	Length x Height x Depth 6.5" (165 mm) L x 2.5" (64 mm) H x 2" (51 mm) D

## Turn Signal/Hazard Flasher, Solid State

#ETTS00-P

- 100% Solid State, potted design for long-lasting, reliable performance
- For use with 12 Vdc ground side switched vehicles
- Flashes @ constant 1.5 f.p.s. (flashes per second) rate
- Can be installed to function as a Turn Signal flasher or as a Hazard light flasher
- Maximum of 8 - 32 watt lights (per side)



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W  
Mounts on 1.4" (36 mm) centers  
16" (41 cm) wires

## Taillight Flasher, Solid State

**Flashback™ Alternating** #ETFBSSN-P  
**with AMP Connector** #ETFBSAN-P  
**with Fleet Harness** #ETFBSANFL

- 12 wire module with isolating diodes for the reverse wire that is required for many new cars & trucks
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle
- Provides an additional output for deck lights
- Alternating red & white light creates an effective rear warning signal to greatly reduce rear end collisions
- 100% Solid State, potted design for long-lasting, reliable performance



4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D  
Mounts on 4" (10 cm) centers  
18" (46 cm) wires

## Taillight Flasher, Relay

**Flashback™ Alternating** #ETFB00-P  
**with Amp Connector & Fleet Harness** #ETFBFLEE

- Flashes taillights @ 2.4 f.p.s.
- Alternately flashes the brake lights and the reverse lights at 2.4 f.p.s.
- Built-in diodes provide isolation protection for the vehicle's electrical system



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W  
Mounts on 1.4" (36 mm) centers  
16" (41 cm) wires

## Flash Patterns

**Cycle Flash:** Multi-pattern cycles through three double alternating & 2-simultaneous patterns.

**Double Flash:** Fast double flash alternating @ 3.0 f.p.s.

**ETM™:** Fast simultaneous flash @ 3.6 f.p.s.

**Flashback™:** Alternates lower brake lights against reverse lights @ 2.6 f.p.s.

**PowerPulse™:** Fast alternating pattern @ 3.0 f.p.s.

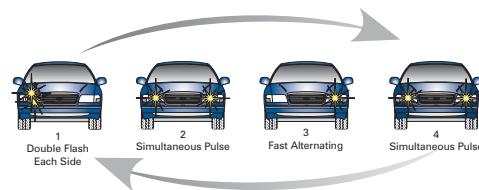
**RoadRunner™:** Slow alternating pattern @ 1.9 f.p.s.

**Single Flash:** Slow alternating flash pattern at 55 f.p.m.

**Q-Switch™:** Cycles through 3 flash patterns:

Double Flash Alternating, Fast Simultaneous Pulse & Fast Alternating @ 1.9 to 3.0 f.p.s., pattern repeats every 5.4 seconds

### Q-Switch™ Flash Pattern



# Flashers - Headlight & Taillight

## SELECT-A-PATTERN TECHNOLOGY

### Headlight Flasher, Solid State

18" wire leads .....	#ETHFSS-SP
Weather Seal Connector .....	#ETHFSS-SPWS
18" wire leads, Single Pattern .....	#ETHFSS-CHP
AMP Connector .....	#ETHFSS-SPA
Heavy Duty model (14 amp).....	#ETHDSS-SP
Amp Connector & Harness (14 amp).....	#ETHFSS-SPFL
Heavy Duty w/ AMP Connector (14 amp) .....	#ETHDSS-SPA
Heavy Duty w/ AMP Connector & Harness (14 amp) ....	#ETHDSS-SPFL
DRL compatible model (12v).....	#ETHFSS-SP-CMP
Isolation model (12v).....	#ETHFSS-SP-ISO



4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D  
Mounts on 4" (10 cm) centers  
18" (46 cm) wires

- Ideal flasher for most "big 3" car models - designed for 2 to 4 headlight positive side switched headlight systems
- Great for motorcycles with positive side switched headlight systems
- Select-a-Pattern Technology w/ 7 user selectable flash patterns: PowerPulse™, RoadRunner™, ETM, Cycle Flash, Q-Switch, Single Flash or Double Flash Alternating
- Built-in shutdown features include protection against: short circuit, over current, over voltage, under voltage, over temperature & reverse polarity
- Durable & non-corrosive ABS plastic housing
- 100% Solid State, potted design for long-lasting, reliable performance

## SELECT-A-PATTERN TECHNOLOGY

### Headlight Flasher, Relay

#ETHFØØ-SP

- Operates a 2 or 4 headlight system on positive or ground side switched vehicles
- 3 user selectable Flash Patterns: RoadRunner™, PowerPulse™ & Double
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is activated



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W  
Mounts on 1.4" (36 mm) centers  
16" (41 cm) wires

### Headlight Flasher, Relay #ETRRØØ-P

with Amp Connector & Fleet Mating Harness:

RoadRunner flash pattern #ETRRFLEE,  
Q-Switch flash pattern #ETQSFLEE

- Installs into 2 or 4 headlight positive side switched systems
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is activated



3.2" (8 cm) L x 2.8" (71 mm) W x 2.2" (56 mm) D  
Mounts on 1.4" (36 mm) centers  
16" (41 cm) wires

Flash Pattern Descriptions see bottom of opposite page

## Deck/Grille Light Flasher, Solid State

### For Halogen or LED Lights #ETDGSS-P

- Works with ground or positive side vehicles
- Alternates auxiliary deck/grille lights @ 2.4 f.p.s.
- Rated "Heavy Duty" at 100 watts (8 amps) per output
- May also be used for a pair of halogen or LED deck/grille lights
- 100% Solid State flasher



2" (51 mm) L x 3.5" (89 mm) W x 1.2" (30 mm) D  
Mounts on 3" (76 mm) centers  
16" (41 cm) wires

## Heavy Duty Flasher, Solid State

### Positive Side Switched, Alternating #ETHDF1-P

- Installs into positive side switched headlight systems
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.)
- Rated "Heavy Duty" at 100 watts (8 amps) per output
- Great for railroad, wrecker & emergency vehicles



5" (13 cm) L x 3.5" (89 mm) W x 1.2" (31 mm) H  
Mounts on 3" (8 cm) centers  
8" (20 cm) wires

## 15 Amp Extra Duty Flasher, Solid State

### Positive Side Switched #ETAF15-P

- Installs into positive side switched headlight systems
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.)
- Rated "Extra Duty" at 190 watts (15 amps) per output
- 2 - 190 watt outputs



5" (13 cm) L x 3.5" (89 mm) W x 1.2" (31 mm) H  
Mounts on 3" (8 cm) centers  
8" (20 cm) wires

## Alt Alert, Solid State #EAA000-P

### with Deutsch Connector #EAA000-P2

- Designed to warn the vehicle operator if the electrical systems voltage range is out of its safe operating range; if the vehicle's voltage fall below 11.80 volts for more than 7 seconds or if it exceeds 15.50 volts, Alt Alert will show an indicator light or a warning buzz
- Automatic Reset - resumes monitoring when electrical system returns to normal operating range
- 60 cycle pulse rated @ 1 amp max



3" (76 mm) L x 1.5" (38 mm) W x 1" (25 mm) H  
Mounts on 4" (10 cm) centers  
8" (20 cm) wires

# Flashers - Heavy Duty, Alt Alert, for LED Lights

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

## 2 Output



3.2" (81 mm) L x 0.8" (20 mm) W x 0.8" (20 mm) D  
Mounts on 2.8" (71 mm) centers  
12" (31 cm) wires

## 6 Output



5.5" (14 cm) L x 3.3" (84 mm) W x 1" (25 mm) D  
Mounts on 5" (13 cm) centers

## 12 Output



6" (15 cm) L x 3.4" (86 mm) W x 1" (25 mm) D  
Mounts on 5.5" (14 cm) centers  
12" (30 cm) wires

## LED Light Flashers

**2 Output w/ 8 Flash Patterns** #ETFFC02LED

**6 Output w/ 8 Flash Patterns** #ETFFC06LED

**12 Output w/ 9 Flash Patterns** #ETFFC12LED



- Synchronizes all LED warning lights - overrides all SoundOff Signal LED warning lights to take over pattern control
- 2 & 6 Output LED Flashers offer 8 user selectable flash patterns: Double, PowerPulse™, Quint, ETM™, Q-Switch™, WarpFlash™, Inter-Cycle™ & Quad
- 12 Output LED Flasher offers 9 user selectable flash patterns: Double, PowerPulse™, Quad, ETM™, RoadRunner™, Quint, Inter-Cycle™, Q-Switch™, WarpFlash™
- For use with LED lights only

## LED Flasher Flash Patterns

**ETM™** ..... Fast Simultaneous flash pattern @ 3.6 f.p.s.

**Inter-Cycle™** ..... Cycles continuously through 2 - Quint™ patterns & 4 - WarpFlash™ patterns

**PowerPulse™** ..... Alternating (wig wag) flash pattern @ 3.0 f.p.s.

**Quad** ..... Four consecutive flashes @ 235 f.p.m.

**Quint** ..... Five consecutive flashes @ 140 f.p.m.

**Q-Switch™** ..... Cycles through 3 flash patterns: Double Flash Alternating, Fast Simultaneous Pulse & Fast Alternating @ 1.9 to 3.0 f.p.s. - pattern repeats every 5.4 seconds

**WarpFlash™** ..... Alternating (wig wag) flash pattern @ 700 f.p.m.

## LED Strobe Pulse Module

**#ETLEDFC1 (for use with LED Lights only)**

- Converts non self-contained LED warning lights into a "Strobe Pulse" flash effect
- Flashes any 12 volt LED light up to 3 amps
- For use with LED lights only



3" (76 mm) W x 1" (25 mm) H x 1.5" (38 mm) D  
Mounts on 2.5" (64 mm) centers  
16" (41 cm) wires



## LED Load Module

**#ECVLDMDL01 (for use with LED lights only)**

- Solution for erratic flash patterns
- Adds 10 watt load across LED lamps restoring flash rate of mechanical, turn signal & hazard flashers
- For use with LED lights only



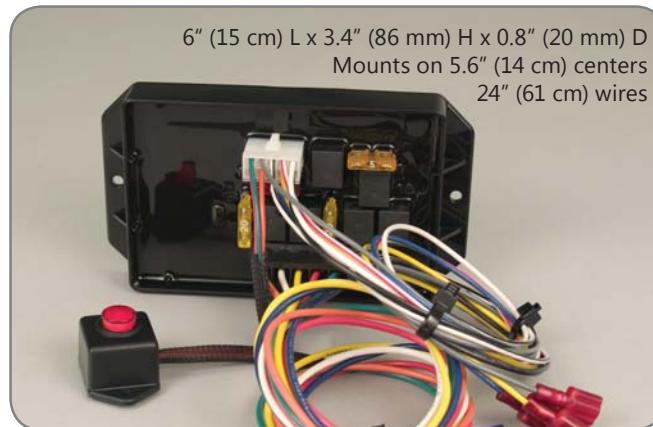
3" (76 mm) W x 2.43" (62 mm) H x 0.75" (19 mm) D  
Mounts on 2.4" (61 mm) centers  
5.5" (14 cm) wires



**SoundOff**  
Signal

## Ignition Security System (I.S.S.) Standard Model #ETISSO-Ø7+

- Easier to install & designed to be compatible with many different vehicles
- Quick installation by use of quick connect "T-tap" connectors
- Connectors allow for quick replacement/removal of I.S.S.
- Allows the vehicle to stay running when the key is removed from the ignition switch
- Brake pedal & shift lever movement disables the I.S.S. & stops the engine (and sounds horn if connected)
- Drive simply deactivates by turning the key to the Run position & depressing brake
- Automatic low voltage detection will activate the horn to provide notification of vehicle problems
- The horn to provide notification of vehicle problems
- Additional universal output provides Normally open or Normally closed contact for Starter Disable, Gun Lock Disable, Camera Record, etc.
- Mounts behind the dash & within the wire length of the steering column
- Optional horn or siren alarm
- Includes illuminated remote switch



## Ignition Security System (I.S.S.) Heavy Duty Model #ETISSO-Ø6+

- Designed to be compatible with many different types of vehicles including police package vehicles, trucks & buses
- For older heavy duty vehicles that require higher current draw through the ignition switch
- Allows the vehicle to stay running when the key is removed from the ignition switch
- Brake pedal and shift lever movement disables the I.S.S. & stops the engine (and sounds horn if connected)
- Driver simply deactivates by turning the key to the Run position and depressing brake
- Additional relay output provides normally open or normally closed contact for Starter Disable, Gun Lock Disable, Camera Record, etc.
- Mounts behind the dash and within the wire length of the steering column
- Optional horn or siren alarm





## Curb/Entry Light

4" Oval LED

w/ Bare Wires #ECVCBLTST  
w/ Delphi Weatherpack Connector #ECVCBLTST-WP



- Light passes IP67 testing** - a rigorous dust & immersion test - may be used in exterior applications
- Provides excellent lighting** at the entrance of vehicles, trailer & buses to illuminate steps, lifts or tool boxes
- Light design helps meet ADA requirements** by focusing light on curb/entry door area
- Durable clear polycarbonate lens & black housing with affixed neoprene gasket**
- Long-lasting & bright LED with a very low amp draw**

Tech Specs	LED Curb/Entry Light
Technology:	1 Gen3 LEDs
Input Voltage:	10 - 30 Vdc
Current Draw:	0.3 amps @ 12.8 Vdc 0.15 amps @ 25.6 Vdc
Dimensions:	Width x Height x Depth 4" (10 cm) W x 2.7" (6.1 cm) H x 1.3" (3.3 cm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



Light installed in the tool box of a wrecker/tow truck.



## Stepwell Light

4.5" Round LED

w/ Bare Wires #ECVSWLTST



- Provides excellent lighting** at the entrance of vehicles, trailer & buses to illuminate steps, lifts or tool boxes
- Light design helps meet ADA requirements** by focusing light on steps/entry area
- Light mounts into pre-drilled or existing holes in buses for retrofitting** & upgrading to LED
- Durable polycarbonate lens with affixed neoprene gasket**
- Long-lasting & bright LED with a very low amp draw**

Tech Specs	LED Stepwell Light
Technology:	1 Gen3 LEDs
Input Voltage:	10 - 30 Vdc
Current Draw:	0.3 amps @ 12.8 Vdc 0.15 amps @ 25.6 Vdc
Dimensions:	Diameter x Depth 4.5" (11.4 cm) Diam x 2.7" (6.1 cm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



## • Features

- **Powerful & bright 200 lumen output**
- **Weatherproof design is moisture & vibration resistant** for heavy duty & exterior applications
- **Includes** 18" of 3-wire shielded cable for installation

## • GHOST™ Multi-Mount (MM)

- 3 Mounting options included:
  - Permanent Mount (screw mount)
  - Adhesive Mount - Super Duty Automotive Grade 3M Tape holds the light securely in place without drilling holes
  - Single or Dual Edge Mount Bracket that slips onto the edge of the hood, grille or trunk edges without requiring drill holes into the body of the vehicle
- Single Light in Black or White Housing colors

## • NEW! GHOST™ Recess Mount (RM)

- Sleek, narrow style with a recess mount design
- Single Light in Black, Chrome or White housings
- Extends just 0.3" (8 mm) from body of the vehicle when installed

## • GHOST™ Surface Mount (SM)

- Sleek, narrow design in surface mount design
- Single Light in Black, Chrome or White housings

## • GHOST™ Rock Light

- Anti-crush, super duty Rock Bracket for the most demanding applications & environments
- Bracket offers up to 30° of adjustability to angle light head
- Single Light with Black powder coated Rock Bracket

Tech Specs	GHOST™ Spot Lights
<b>Flash Patterns:</b>	None - Steady burn only
<b>Lumen Output:</b>	200 Lumens
<b>Technology:</b>	6 Gen3 LEDs
<b>Mounting:</b>	Multi-Mount: includes 3 mounting options Edge Mount, Permanent Mount & Adhesive Mount Recess, Surface Mount & Rock Bracket also available
<b>Input Voltage:</b>	10 - 30 Vdc
<b>Current Draw:</b>	0.45 amps max @ 12.8 Vdc 0.23 amps max @ 25.6 Vdc
<b>Dimensions:</b>	Width x Height x Depth <u>Multi-Mount:</u> 4" (10 cm) W x 0.9" (23 mm) H x 1.75" (44 mm) D <u>Recess Mount:</u> 4.7" (14 cm) W x 1.6" (28 mm) H x 1" (46 mm) D <u>Surface Mount:</u> 5.7" (14 cm) W x 1" (25 mm) H x 1.75" (44 mm) D <u>Rock Light:</u> 4.8" (12 cm) W x 2" (51 mm) H x 1.6" (41 mm) D
<b>Operating Temp.:</b>	-20° to +65° C / -68° to +149° F



GHOST™ Spot Lights are compact yet powerful.



GHOST™ MM light edge mounted to the front bumper of a large truck to offer additional white lighting.



GHOST™ MM spot lights edge mounted in the grille of a Ford F-250 work truck (white housing warning light also shown).



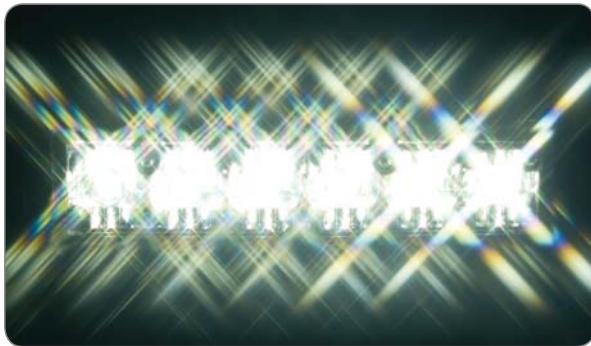
Two GHOST™ Rock Spot Lights mounted to an ATV offer a distinct bright white spot light.



Heavy duty, anti-crush bracket makes the GHOST™ Rock Light perfect for extreme mounts.



# Spot Lights - GHOST™ Family (NEW!)



**GHOST**™  
Spot Lights

GHOST™ Spot Lights are the newest addition to our White Illumination product line with ultra powerful & bright white LEDs in a compact sized light. Versatile light with many mounting options; Permanent Mount, Single & Dual Edge Mounts, Adhesive Mount, Recess Mount, Surface Mount, and a heavy duty Rock Bracket option.

## GHOST MM SPOT LIGHT

Black Housing #EGHSTS1W

White Housing #EGHSTS1WW



Light includes 3 mounting options: Permanent Mount, Edge Mount & Adhesive Mount.

Permanent Mount



Single Edge Mount Bracket



3M Super Duty  
Adhesive Mount



**NEW!**

## GHOST RM SPOT LIGHT

Black Housing #EGHSTS5WB

Chrome Housing #EGHSTS5WC

White Housing #EGHSTS5WW



## GHOST SM SPOT LIGHT

Black Housing #EGHSTS2W

Chrome Housing #EGHSTS2WC

White Housing #EGHSTS2WW



## GHOST ROCK SPOT LIGHT

Black Housing #EGHSTS3W

Rock Bracket (only) #PGHSTRLK

Severe Duty  
Rock Bracket

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**SoundOff**  
*Signal*

# MIGHTY Night Light

## **Standard Lens**

#EAUSSMBØSWC

## **15° Forward Facing Lens**

#EAUSSMBØAWC

## **45° Flood Lens**

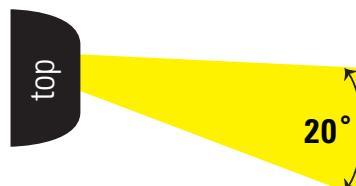
#EAUSSMBØFWC

Standard or  
15° Forward Lens

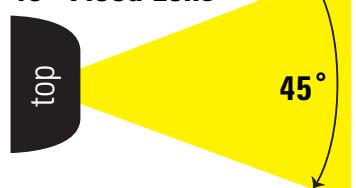
## **Standard Lens**



## **15° Forward Lens**



## **45° Flood Lens**

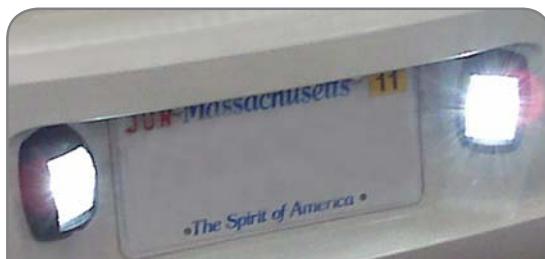


- **Mighty Night Light is high powered white LED spot light** with a compact size that allows you to use it anywhere you have restricted space such as push bumpers, around the license plate - surface mount installation
- **Powerful & bright 330 lumen output**
- **Ideal for a Push Bumper Alley Light on police cars**
- **3 Output Lenses Available:** Standard lens, 15° Forward lens or a 45° Flood lens
- **Can be mounted vertically or horizontally**
- **High density, ultra powerful, multi-chip LED module**
- **Durable with a die cast aluminum housing**
- **Tough Lexan polycarbonate lens**
- **Includes** attached Molex Connector, Mounting Gasket with Mounting Hardware & approx. 35" of shielded cable for hard wire installation

Tech Specs	Mighty Night Light™
Flash Patterns:	None, steady burn only
Lumen Output:	330 Lumens
Technology:	4 diode multi-chip Gen3 LED
Mounting:	Surface Mount on 3.5" (89 mm) centers
Input Voltage:	10 - 30 Vdc
Current Draw:	0.65 amps @ 12.8 Vdc
Dimensions:	Width x Height x Depth 2.8" (71 mm) W x 4.1" (10 cm) H x 1.3" (33 mm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



High density, ultra powerful, 4 diode multi-chip LED offers bright, pure white output.



Light can be surface mounted to any flat surface for extra light wherever needed.



# LED3

MINI WHITE SPOT LIGHT

**10-16 Vdc** #EL3SSCW  
**10-30 Vdc** #EL3SS30CW



- **High powered, versatile surface mount**
- **Bright white 100 lumen output**
- **Compact size - our smallest light**
- **Many versatile mounting options** with optional brackets & bezels for any vehicle & any mount
- **High quality, high bin LEDs** for consistent & pure color with reliable output
- **Black powder coated aluminum housing**
- **Durable Lexan polycarbonate lens**
- **Weatherproof design with superior reliability & performance** regardless of weather conditions
- **Includes** Rubber Mounting Gasket, Mounting Hardware & 18" of 3-Wire Shielded Cable

Tech Specs	LED3™ Mini Spot Light
<b>Flash Patterns:</b>	None, steady burn only
<b>Lumen Output:</b>	100 Lumens
<b>Technology:</b>	3 Gen3 LEDs
<b>Mounting:</b>	Surface Mount on 2.2" (56 mm) centers
<b>Input Voltage:</b>	10 - 16 or 10 - 30 Vdc
<b>Current Draw:</b>	less than 0.4 amps @ 12.8 Vdc
<b>Dimensions:</b>	Length x Height x Depth 2.5" (64 mm) L x 1.4" (35 mm) H x 1.2" (32 mm) D
<b>Operating Temp.:</b>	-40° to +65° C / -104° to +149° F



LED3™ Mini Warning Light, see page 36



Universal Grille Bracket  
#EL3SNBRK1GRU



45° Bracket  
Vertical #EL3SNBRK145  
Horizontal #EL3SNHBRK145



90° Bracket  
#EL3SNBRK190



Side-by-Side 90° Bracket  
#EL3SNBRK290H



Stacked 90° Bracket  
#EL3SNBRK290V (horiz. mount)



Stacked 90° Bracket  
#EL3SNBRK290V (vertical mount)



Universal Lic. Plate Bracket:  
Horizontal (shown) #EL3SNBRK2LPH  
Vertical #EL3SNBRK2LPV



Single Bezel\* #PEL3BZSG(x)



Dual Stacked Bezel\* #PEL3BDS(x)



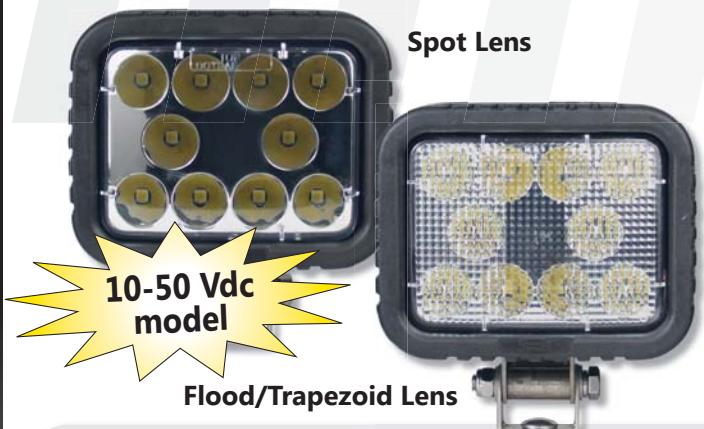
Dual Side-by-Side Bezel\* #PEL3BZSS(x)

\*All bezels available in Black, Chrome or White: (x)=B, C or W.

# Spot Lights - Mighty Night Light™ & LED3™ Mini

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- Intense & bright LED Work Light** is built for the most demanding environments
- Corrosive resistant materials** including high tech plastics, aluminum housing & stainless steel bracket
- Light is certified to IP67 specifications** for rigorous dust & water immersion testing - heavy duty design withstands & outlasts harsh environmental conditions
- Waterproof O-ring sealed design**
- 10 - 50 Vdc** input voltage range for use on many types of vehicles around the world
- Premium optics maximize the LED light output**
- Rated to last 30,000+ hours** for a long-lasting & reliable, bright white light source to illuminate your work/play areas
- Low maintenance & reduced operating costs** - no more broken or burned out bulbs
- Adjustable Mounting Bracket** with 180° tilt forward or backward to aim the light as needed. Bracket can be moved & positioned on any side of the light

Tech Specs	1400 Lumen Work Light
Illumination Patterns:	Flood (40° Horiz. x 25° Vert.), Spot (10°) or Trapezoid (40° Horiz. x 15° Vert.)
Color Temp.:	5700k
Technology:	10 Gen3 LEDs
Mounting:	Surface Mount with provided U-bracket
Input Voltage:	10 - 50 Vdc for worldwide use
Current Draw:	2.7 amps @ 12.8 Vdc 1.0 amps @ 25.6 Vdc 0.5 amps @ 51.2 Vdc
Dimensions:	Width x Height x Depth 5.2" (13 cm) W x 5.6" (14 cm) H x 2.6" (7 mm) D Overall Height: 5.5" (14 cm) incl. bracket
Operating Temp.:	- 40° to +65° C / -104° to +149° F



## 1400 Lumen

### 5" Rectangle

Flood Pattern #EWLC1400TBDFOW

Spot Pattern #EWLC1400TBDSOW

Trapezoid Pattern #EWLC1400TBDTOW



Stump grinder/wood chipper truck with a row of six 1400 Lumen work lights mounted on the front.



Four work lights brighten & illuminate the rear work area on this stump grinder/wood chipper truck.

Adjustable bracket can be moved to any side of the light.



### Spot



### Trapezoid



### Flood



**Work Light Output Patterns**

# Work Lights - 10 - 50 Vdc Models



## 1000 Lumen

4" Square

Flood Pattern #EWLC1000SBDF0W

Spot Pattern #EWLC1000SBDS0W

Trapezoid Pattern #EWLC1000SBDT0W

- Intense & bright LED Work Light**
- Corrosive resistant materials** including high tech plastics, aluminum housing & stainless steel bracket
- Light is certified to IP67 specifications** for rigorous dust & water immersion testing - heavy duty design withstands & outlasts harsh environmental conditions
- Waterproof O-ring sealed design**
- 10 - 50 Vdc** input voltage range for use on many types of vehicles around the world
- Premium optics maximize the LED output**
- Rated to last 30,000+ hours** for a long-lasting & reliable, bright white light source to illuminate your work/play areas
- Low maintenance & reduced operating costs**  
- no more broken or burned out bulbs
- Adjustable Mounting Bracket** with 180° tilt forward or backward to aim the light as needed

### Output of two 1000 Lumen Work Lights



### Output of Normal High Beams

Pure white, high bin LEDs provide color consistency & improved reliability offering 30,000+ hours of use.



Tech Specs	1000 Lumen Work Light
Illumination Patterns:	Flood (40° Horiz. x 25° Vert.), Spot (10°) or Trapezoid (40° Horiz. x 15° Vert.)
Color Temp.:	5700k
Technology:	8 Gen3 LEDs
Mounting:	Surface Mount with provided U-bracket
Input Voltage:	10 - 50 Vdc for worldwide use
Current Draw:	2 amps @ 12.8 Vdc 0.8 amps @ 25.6 Vdc 0.4 amps @ 51.2 Vdc
Dimensions:	Width x Height x Depth 4" (10 cm) W x 5.5" (14 cm) H x 2.7" (7 mm) D Overall Height: 5.5" (14 cm) incl. bracket
Operating Temp.:	- 40° to +65° C / -104° to +149° F



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# PAR 36

10 - 50 Vdc

## PAR 36, 500 Lumen

- Flood Pattern #EWLA0500DBDFOW
- Spot Pattern #EWLA0500DBDSOW
- Trapezoid Pattern #EWLA0500DBDTOW

- Intense & bright LED Work Light** is built for the most demanding environments
- Corrosive resistant materials** including high tech plastics, aluminum housing & stainless steel bracket
- Light is certified to IP67 specifications** for rigorous dust & water immersion testing - heavy duty design withstands & outlasts harsh environmental conditions
- Waterproof O-ring sealed design**
- 10 - 50 Vdc** input voltage range for use on many types of vehicles around the world
- Premium optics maximize the LED output**
- Rated to last 30,000+ hours** for a long-lasting & reliable, bright white light source to illuminate your work/ play areas
- Low maintenance & reduced operating costs**
  - no more broken or burned out bulbs
- Adjustable Mounting Bracket** with 180° of tilt forward or backward to aim the light as needed

## PAR 36, 1000 Lumen

- Flood Pattern #EWLA1000DBDFOW
- Spot Pattern #EWLA1000DBDSOW
- Trapezoid Pattern #EWLA1000DBDTOW



500 Lumen work light shown mounted on the rear of a DOT salt truck provides light in an otherwise dark area.



High bin LEDs have consistent bright white color & unmatched brightness & long-lasting reliability.



Very durable design rated to last 30,000+ hours of use with weatherproof o-ring seal & adjustable tilt mounting bracket.



# Work Lights - PAR 36 (NEW! 10-16v light)

## PAR 36 10 - 16 Vdc

### New 10-16 Vdc LED Work Lights

#EWLB(yyyy)DBD(x)ØW

Replace "(yyyy)" with desired Lumen output:  
Ø350, Ø500, 1000 or 1400

Replace "(x)" with desired output pattern:  
S = Spot, F = Flood or T = Trapezoid



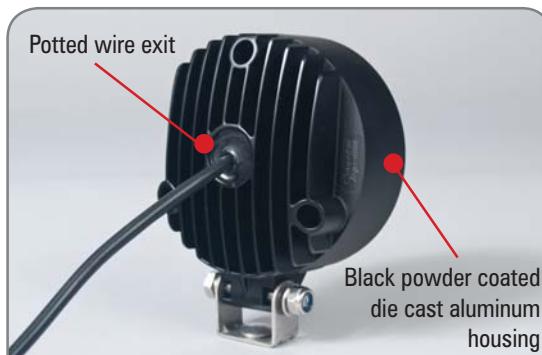
- 4 new 10 - 16 Vdc versions in 350, 500, 1000 or 1400 lumens that are perfect for a variety of applications & work spaces
- DOT SAE lens marking ensures peace of mind during vehicle inspections
- Spot, Flood or Trapezoid lenses
- Protection against reverse polarity & load dump
- LEDs offer better energy efficiency - uses 75% less energy than sealed beams
- Visual clarity - crystal clear polycarbonate lenses with extremely bright, white LEDs illuminate the darkest work areas
- Durable light - no fragile filament for long-lasting, reliable output
- Lasts for years with 50 times the lifespan of sealed beam halogens & 10 times that of HID bulbs (30,000+ hours of use)
- IP 67 certified with o-ring sealed construction - extra protection from dust & water immersion - great for exterior applications
- Includes U-bracket with 20" wire length



10-16 Vdc model

Adjustable tilt u-bracket included

New series of LED Work Lights outperform & outlast halogen competitors - 30,000 hours of use!



Light has an IP 67 certification for dust & water immersion with a potted wire exit.



Powerful work lights with extremely bright White Gen3 LEDs in multiple lumen outputs for every need.

Tech Specs	PAR 36 Work Lights
Illumination Patterns:	Spot: 10° / Flood: 40° horiz. x 25° vert. Trapezoid: 40° horiz. x 15° vert.
Color Temp.:	5700K
Technology:	350: 3 LEDs / 500: 5 LEDs, 1000: 6 LEDs, 1400: 9 LEDs
Mounting:	Surface Mount with provide U-bracket
Input Voltage:	10 - 16 Vdc
Current Draw:	350: 0.61A / 500: 1A / 1000: 1.66A / 1400: 2.5A (Amps @ 12.8 Vdc)
Dimensions:	Diameter x Height x Depth 4.5" (114 mm) Diam. 5.7" (145 mm) H x 2.4" (61 mm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F



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